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<b>(21) International Application Number:</b> PCT/US99/10602 <b>(22) International Filing Date:</b> 13 May 1999 (13.05.99)  <b>(30) Priority Data:</b> <table><tr><td>60/085,426</td><td>14 May 1998 (14.05.98)</td><td>US</td></tr><tr><td>60/085,537</td><td>15 May 1998 (15.05.98)</td><td>US</td></tr><tr><td>60/085,696</td><td>15 May 1998 (15.05.98)</td><td>US</td></tr><tr><td>60/105,234</td><td>21 October 1998 (21.10.98)</td><td>US</td></tr><tr><td>60/105,877</td><td>27 October 1998 (27.10.98)</td><td>US</td></tr></table> <b>(71) Applicants:</b> CHIRON CORPORATION [US/US]; 4560 Horton Street - R440, Emeryville, CA 94608 (US). HYSEQ INC. [US/US]; 675 Almanor Avenue, Sunnyvale, CA 94086 (US).  <b>(72) Inventors:</b> WILLIAMS, Lewis, T.; 3 Miroflores, Tiburon, CA 94920 (US). ESCOBEDO, Jaime; 1470 Lavoma Road, Alamo, CA 94507 (US). INNIS, Michael, A.; 315 Constance Place, Moraga, CA 94556 (US). GARCIA, Pablo, Dominguez; 882 Chenery Street, San Francisco, CA 94131 (US). SUDDUTH-KLINGER, Julie; 280 Lexington Road, Kensington, CA 94707 (US). REINHARD, Christoph; 1633 Clinton Avenue, Alameda, CA 94501 (US). GIESE, Klaus; Chausseestrasse 92, D-10115 Berlin (DE). RANDAZZO, Filippo; Apartment 403, 690 Chestnut Street, San Francisco, CA 94133 (US). KENNEDY, Giulia, C.; 360 Castenada Av-		60/085,426	14 May 1998 (14.05.98)	US	60/085,537	15 May 1998 (15.05.98)	US	60/085,696	15 May 1998 (15.05.98)	US	60/105,234	21 October 1998 (21.10.98)	US	60/105,877	27 October 1998 (27.10.98)	US	enue, San Francisco, CA 94116 (US). POT, David; 1565 5th Avenue #102, San Francisco, CA 94112 (US). KASSAM, Altaf; 2659 Harold Street, Oakland, CA 94602 (US). LAMSON, George; 232 Sandringham Drive, Moraga, CA 94556 (US). DRMANAC, Radoje; 850 East Greenwich Place, Palo Alto, CA 94303 (US). CRKVENJAKOV, Radomir; 762 Haverhill Drive, Sunnyvale, CA 94068 (US). DICKSON, Mark; 1411 Gabilan Drive #B, Hollister, CA 95025 (US). DRMANAC, Snezana; 850 East Greenwich Place, Palo Alto, CA 94303 (US). LABAT, Ivan; 140 Acalanes Drive, Sunnyvale, CA 94086 (US). LESHKOWITZ, Dena; 678 Durshire Way, Sunnyvale, CA 94087 (US). KITA, David; 899 Bounty Drive, Foster City, CA 94404 (US). GARCIA, Veronica; Apartment 412, 396 Ano Nuevo, Sunnyvale, CA 94086 (US). JONES, Lee, William; 396 Ano Nuevo #412, Sunnyvale, CA 94086 (US). STACHE-CRAIN, Birgit; 345 South Mary Avenue, Sunnyvale, CA 94086 (US).  <b>(74) Agent:</b> BLACKBURN, Robert, P.; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).  <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>	
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<b>(54) Title:</b> HUMAN GENES AND GENE EXPRESSION PRODUCTS V																		
<b>(57) Abstract</b> <p>This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.</p>																		

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## HUMAN GENES AND GENE EXPRESSION PRODUCTS V

Field of the Invention

5 The present invention relates to polynucleotides of human origin and the encoded gene products.

Background of the Invention

10 Identification of novel polynucleotides, particularly those that encode an expressed gene product, is important in the advancement of drug discovery, diagnostic technologies, and the understanding of the progression and nature of complex diseases such as cancer. Identification of genes expressed in different cell types isolated from sources that differ in disease state or stage, developmental stage, exposure to various environmental factors, the tissue of origin, the species from which the tissue was isolated, and the like is key to identifying the genetic factors that are responsible for the phenotypes associated with these various differences.

15 This invention provides novel human polynucleotides, the polypeptides encoded by these polynucleotides, and the genes and proteins corresponding to these novel polynucleotides.

Summary of the Invention

20 This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostics and therapeutics comprising such novel human polynucleotides, their corresponding genes or gene products, including probes, antisense nucleotides, and antibodies. The polynucleotides of the invention correspond to a polynucleotide comprising the sequence information of at least one of SEQ ID NOS:1-2707.

Various aspects and embodiments of the invention will be readily apparent to the ordinarily skilled artisan upon reading the description provided herein.

25 Detailed Description of the Invention

The invention relates to polynucleotides comprising the disclosed nucleotide sequences, to full length cDNA, mRNA genomic sequences, and genes corresponding to these sequences and degenerate variants thereof, and to polypeptides encoded by the polynucleotides of the invention and polypeptide variants. The following detailed description describes the polynucleotide compositions encompassed by the invention, methods for obtaining cDNA or genomic DNA encoding a full-length gene product, expression of these polynucleotides and genes, identification of structural motifs of the polynucleotides and genes, identification of the function of a gene product encoded by a gene corresponding to a polynucleotide of the invention, use of the provided polynucleotides as probes and in mapping and in tissue profiling, use of the corresponding polypeptides and other gene

products to raise antibodies, and use of the polynucleotides and their encoded gene products for therapeutic and diagnostic purposes.

#### Polynucleotide Compositions

The scope of the invention with respect to polynucleotide compositions includes, but is not necessarily limited to, polynucleotides having a sequence set forth in any one of SEQ ID NOS:1-2707; polynucleotides obtained from the biological materials described herein or other biological sources (particularly human sources) by hybridization under stringent conditions (particularly conditions of high stringency); genes corresponding to the provided polynucleotides; variants of the provided polynucleotides and their corresponding genes, particularly those variants that retain a biological activity of the encoded gene product (*e.g.*, a biological activity ascribed to a gene product corresponding to the provided polynucleotides as a result of the assignment of the gene product to a protein family(ies) and/or identification of a functional domain present in the gene product). Other nucleic acid compositions contemplated by and within the scope of the present invention will be readily apparent to one of ordinary skill in the art when provided with the disclosure here.

“Polynucleotide” and “nucleic acid” as used herein with reference to nucleic acids of the composition is not intended to be limiting as to the length or structure of the nucleic acid unless specifically indicated.

The invention features polynucleotides that are expressed in human tissue, specifically human colon, breast, and/or lung tissue. Novel nucleic acid compositions of the invention of particular interest comprise a sequence set forth in any one of SEQ ID NOS:1-2707 or an identifying sequence thereof. An “identifying sequence” is a contiguous sequence of residues at least about 10 nt to about 20 nt in length, usually at least about 50 nt to about 100 nt in length, that uniquely identifies a polynucleotide sequence, *e.g.*, exhibits less than 90%, usually less than about 80% to about 85% sequence identity to any contiguous nucleotide sequence of more than about 20 nt. Thus, the subject novel nucleic acid compositions include full length cDNAs or mRNAs that encompass an identifying sequence of contiguous nucleotides from any one of SEQ ID NOS: 1-2707.

The polynucleotides of the invention also include polynucleotides having sequence similarity or sequence identity. Nucleic acids having sequence similarity are detected by hybridization under low stringency conditions, for example, at 50°C and 10XSSC (0.9 M saline/0.09 M sodium citrate) and remain bound when subjected to washing at 55°C in 1XSSC. Sequence identity can be determined by hybridization under stringent conditions, for example, at 50°C or higher and 0.1XSSC (9 mM saline/0.9 mM sodium citrate). Hybridization methods and conditions are well known in the art, see, *e.g.*, USPN 5,707,829. Nucleic acids that are substantially identical to the provided polynucleotide sequences, *e.g.* allelic variants, genetically altered versions of the gene,

*etc.*, bind to the provided polynucleotide sequences (SEQ ID NOS:1-2707) under stringent hybridization conditions. By using probes, particularly labeled probes of DNA sequences, one can isolate homologous or related genes. The source of homologous genes can be any species, *e.g.* primate species, particularly human; rodents, such as rats and mice; canines, felines, bovines.

5 ovines, equines, yeast, nematodes, *etc.*

Preferably, hybridization is performed using at least 15 contiguous nucleotides (nt) of at least one of SEQ ID NOS:1-2707. That is, when at least 15 contiguous nt of one of the disclosed SEQ ID NOS. is used as a probe, the probe will preferentially hybridize with a nucleic acid comprising the complementary sequence, allowing the identification and retrieval of the nucleic  
10 acids that uniquely hybridize to the selected probe. Probes from more than one SEQ ID NO. can hybridize with the same nucleic acid if the cDNA from which they were derived corresponds to one mRNA. Probes of more than 15 nt can be used, *e.g.*, probes of from about 18 nt to about 100 nt, but 15 nt represents sufficient sequence for unique identification.

The polynucleotides of the invention also include naturally occurring variants of the  
15 nucleotide sequences (*e.g.*, degenerate variants, allelic variants, *etc.*). Variants of the polynucleotides of the invention are identified by hybridization of putative variants with nucleotide sequences disclosed herein, preferably by hybridization under stringent conditions. For example, by using appropriate wash conditions, variants of the polynucleotides of the invention can be identified where the allelic variant exhibits at most about 25-30% base pair (bp) mismatches relative to the  
20 selected polynucleotide probe. In general, allelic variants contain 15-25% bp mismatches, and can contain as little as even 5-15%, or 2-5%, or 1-2% bp mismatches, as well as a single bp mismatch.

The invention also encompasses homologs corresponding to the polynucleotides of SEQ ID NOS:1-2707, where the source of homologous genes can be any mammalian species, *e.g.*, primate species, particularly human; rodents, such as rats; canines, felines, bovines, ovines, equines, yeast,  
25 nematodes, *etc.* Between mammalian species, *e.g.*, human and mouse, homologs generally have substantial sequence similarity, *e.g.*, at least 75% sequence identity, usually at least 90%, more usually at least 95% between nucleotide sequences. Sequence similarity is calculated based on a reference sequence, which may be a subset of a larger sequence, such as a conserved motif, coding region, flanking region, *etc.* A reference sequence will usually be at least about 18 contiguous nt  
30 long, more usually at least about 30 nt long, and may extend to the complete sequence that is being compared. Algorithms for sequence analysis are known in the art, such as gapped BLAST, described in Altschul, et al. *Nucleic Acids Res.* (1997) 25:3389-3402.

In general, variants of the invention have a sequence identity greater than at least about 65%, preferably at least about 75%, more preferably at least about 85%, and can be greater than at  
35 least about 90% or more as determined by the Smith-Waterman homology search algorithm as

implemented in MPSRCH program (Oxford Molecular). For the purposes of this invention, a preferred method of calculating percent identity is the Smith-Waterman algorithm, using the following. Global DNA sequence identity must be greater than 65% as determined by the Smith-Waterman homology search algorithm as implemented in MPSRCH program (Oxford Molecular)  
5 using an affine gap search with the following search parameters: gap open penalty, 12; and gap extension penalty, 1.

The subject nucleic acids can be cDNAs or genomic DNAs, as well as fragments thereof, particularly fragments that encode a biologically active gene product and/or are useful in the methods disclosed herein (*e.g.*, in diagnosis, as a unique identifier of a differentially expressed gene  
10 of interest, *etc.*). The term "cDNA" as used herein is intended to include all nucleic acids that share the arrangement of sequence elements found in native mature mRNA species, where sequence elements are exons and 3' and 5' non-coding regions. Normally mRNA species have contiguous exons, with the intervening introns, when present, being removed by nuclear RNA splicing, to create a continuous open reading frame encoding a polypeptide of the invention.

15 A genomic sequence of interest comprises the nucleic acid present between the initiation codon and the stop codon, as defined in the listed sequences, including all of the introns that are normally present in a native chromosome. It can further include the 3' and 5' untranslated regions found in the mature mRNA. It can further include specific transcriptional and translational regulatory sequences, such as promoters, enhancers, *etc.*, including about 1 kb, but possibly more, of  
20 flanking genomic DNA at either the 5' and 3' end of the transcribed region. The genomic DNA can be isolated as a fragment of 100 kbp or smaller, and substantially free of flanking chromosomal sequence. The genomic DNA flanking the coding region, either 3' and 5', or internal regulatory sequences as sometimes found in introns, contains sequences required for proper tissue, stage-specific, or disease-state specific expression.

25 The nucleic acid compositions of the subject invention can encode all or a part of the subject polypeptides. Double or single stranded fragments can be obtained from the DNA sequence by chemically synthesizing oligonucleotides in accordance with conventional methods, by restriction enzyme digestion, by PCR amplification, *etc.* Isolated polynucleotides and polynucleotide fragments of the invention comprise at least about 10, about 15, about 20, about 35, about 50, about  
30 100, about 150 to about 200, about 250 to about 300, or about 350 contiguous nt selected from the polynucleotide sequences as shown in SEQ ID NOS:1-2707. For the most part, fragments will be of at least 15 nt, usually at least 18 nt or 25 nt, and up to at least about 50 contiguous nt in length or more. In a preferred embodiment, the polynucleotide molecules comprise a contiguous sequence of at least 12 nt selected from the group consisting of the polynucleotides shown in SEQ ID NOS:1-  
35 2707.

Probes specific to the polynucleotides of the invention can be generated using the polynucleotide sequences disclosed in SEQ ID NOS:1-2707. The probes are preferably at least about a 12, 15, 16, 18, 20, 22, 24, or 25 nt fragment of a corresponding contiguous sequence of SEQ ID NOS:1-2707, and can be less than 2, 1, 0.5, 0.1, or 0.05 kb in length. The probes can be synthesized chemically or can be generated from longer polynucleotides using restriction enzymes. The probes can be labeled, for example, with a radioactive, biotinylated, or fluorescent tag. Preferably, probes are designed based upon an identifying sequence of a polynucleotide of one of SEQ ID NOS:1-2707. More preferably, probes are designed based on a contiguous sequence of one of the subject polynucleotides that remain unmasked following application of a masking program for masking low complexity (*e.g.*, XBLAST) to the sequence.. *i.e.*, one would select an unmasked region, as indicated by the polynucleotides outside the poly-n stretches of the masked sequence produced by the masking program.

The polynucleotides of the subject invention are isolated and obtained in substantial purity, generally as other than an intact chromosome. Usually, the polynucleotides, either as DNA or RNA, will be obtained substantially free of other naturally-occurring nucleic acid sequences, generally being at least about 50%, usually at least about 90% pure and are typically "recombinant", *e.g.*, flanked by one or more nucleotides with which it is not normally associated on a naturally occurring chromosome.

The polynucleotides of the invention can be provided as a linear molecule or within a circular molecule, and can be provided within autonomously replicating molecules (vectors) or within molecules without replication sequences. Expression of the polynucleotides can be regulated by their own or by other regulatory sequences known in the art. The polynucleotides of the invention can be introduced into suitable host cells using a variety of techniques available in the art, such as transferrin polycation-mediated DNA transfer, transfection with naked or encapsulated nucleic acids, liposome-mediated DNA transfer, intracellular transportation of DNA-coated latex beads, protoplast fusion, viral infection, electroporation, gene gun, calcium phosphate-mediated transfection, and the like.

The subject nucleic acid compositions can be used to, for example, produce polypeptides, as probes for the detection of mRNA of the invention in biological samples (*e.g.*, extracts of human cells) to generate additional copies of the polynucleotides, to generate ribozymes or antisense oligonucleotides, and as single stranded DNA probes or as triple-strand forming oligonucleotides. The probes described herein can be used to, for example, determine the presence or absence of the polynucleotide sequences as shown in SEQ ID NOS:1-2707 or variants thereof in a sample. These and other uses are described in more detail below.

Use of Polynucleotides to Obtain Full-Length cDNA, Gene, and Promoter Region

Full-length cDNA molecules comprising the disclosed polynucleotides are obtained as follows. A polynucleotide having a sequence of one of SEQ ID NOS:1-2707, or a portion thereof comprising at least 12, 15, 18, or 20 nt, is used as a hybridization probe to detect hybridizing  
5 members of a cDNA library using probe design methods, cloning methods, and clone selection techniques such as those described in USPN 5,654,173. Libraries of cDNA are made from selected tissues, such as normal or tumor tissue, or from tissues of a mammal treated with, for example, a pharmaceutical agent. Preferably, the tissue is the same as the tissue from which the polynucleotides of the invention were isolated, as both the polynucleotides described herein and the  
10 cDNA represent expressed genes. Most preferably, the cDNA library is made from the biological material described herein in the Examples. The choice of cell type for library construction can be made after the identity of the protein encoded by the gene corresponding to the polynucleotide of the invention is known. This will indicate which tissue and cell types are likely to express the related gene, and thus represent a suitable source for the mRNA for generating the cDNA. Where the  
15 provided polynucleotides are isolated from cDNA libraries, the libraries are prepared from mRNA of human colon cells, more preferably, human colon cancer cells, even more preferably, from a highly metastatic colon cell, Km12L4-A.

Techniques for producing and probing nucleic acid sequence libraries are described, for example, in Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual, 2nd Ed.*, (1989) Cold  
20 Spring Harbor Press, Cold Spring Harbor, NY. The cDNA can be prepared by using primers based on sequence from SEQ ID NOS:1-2707. In one embodiment, the cDNA library can be made from only poly-adenylated mRNA. Thus, poly-T primers can be used to prepare cDNA from the mRNA.

Members of the library that are larger than the provided polynucleotides, and preferably that encompass the complete coding sequence of the native message, are obtained. In order to confirm  
25 that the entire cDNA has been obtained, RNA protection experiments are performed as follows. Hybridization of a full-length cDNA to an mRNA will protect the RNA from RNase degradation. If the cDNA is not full length, then the portions of the mRNA that are not hybridized will be subject to RNase degradation. This is assayed, as is known in the art, by changes in electrophoretic mobility on polyacrylamide gels, or by detection of released monoribonucleotides. Sambrook *et al.*,  
30 *Molecular Cloning: A Laboratory Manual, 2nd Ed.*, (1989) Cold Spring Harbor Press, Cold Spring Harbor, NY. In order to obtain additional sequences 5' to the end of a partial cDNA, 5' RACE (*PCR Protocols: A Guide to Methods and Applications*, (1990) Academic Press, Inc.) can be performed.

Genomic DNA is isolated using the provided polynucleotides in a manner similar to the isolation of full-length cDNAs. Briefly, the provided polynucleotides, or portions thereof, are used  
35 as probes to libraries of genomic DNA. Preferably, the library is obtained from the cell type that

was used to generate the polynucleotides of the invention, but this is not essential. Most preferably, the genomic DNA is obtained from the biological material described herein in the Examples. Such libraries can be in vectors suitable for carrying large segments of a genome, such as P1 or YAC, as described in detail in Sambrook *et al.*, 9.4-9.30. In addition, genomic sequences can be isolated from human BAC libraries, which are commercially available from Research Genetics, Inc., Huntsville, Alabama, USA, for example. In order to obtain additional 5' or 3' sequences, chromosome walking is performed, as described in Sambrook *et al.*, such that adjacent and overlapping fragments of genomic DNA are isolated. These are mapped and pieced together, as is known in the art, using restriction digestion enzymes and DNA ligase.

Using the polynucleotide sequences of the invention, corresponding full-length genes can be isolated using both classical and PCR methods to construct and probe cDNA libraries. Using either method, Northern blots, preferably, are performed on a number of cell types to determine which cell lines express the gene of interest at the highest level. Classical methods of constructing cDNA libraries are taught in Sambrook *et al.*, *supra*. With these methods, cDNA can be produced from mRNA and inserted into viral or expression vectors. Typically, libraries of mRNA comprising poly(A) tails can be produced with poly(T) primers. Similarly, cDNA libraries can be produced using the instant sequences as primers.

PCR methods are used to amplify the members of a cDNA library that comprise the desired insert. In this case, the desired insert will contain sequence from the full length cDNA that corresponds to the instant polynucleotides. Such PCR methods include gene trapping and RACE methods. Gene trapping entails inserting a member of a cDNA library into a vector. The vector then is denatured to produce single stranded molecules. Next, a substrate-bound probe, such as a biotinylated oligo, is used to trap cDNA inserts of interest. Biotinylated probes can be linked to an avidin-bound solid substrate. PCR methods can be used to amplify the trapped cDNA. To trap sequences corresponding to the full length genes, the labeled probe sequence is based on the polynucleotide sequences of the invention. Random primers or primers specific to the library vector can be used to amplify the trapped cDNA. Such gene trapping techniques are described in Gruber *et al.*, WO 95/04745 and Gruber *et al.*, USPN 5,500,356. Kits are commercially available to perform gene trapping experiments from, for example, Life Technologies, Gaithersburg, Maryland, USA.

"Rapid amplification of cDNA ends," or RACE, is a PCR method of amplifying cDNAs from a number of different RNAs. The cDNAs are ligated to an oligonucleotide linker, and amplified by PCR using two primers. One primer is based on sequence from the instant polynucleotides, for which full length sequence is desired, and a second primer comprises sequence that hybridizes to the oligonucleotide linker to amplify the cDNA. A description of this methods is reported in WO 97/19110. In preferred embodiments of RACE, a common primer is designed to

anneal to an arbitrary adaptor sequence ligated to cDNA ends (Apte and Siebert, *Biotechniques* (1993) 15:890-893; Edwards *et al.*, *Nuc. Acids Res.* (1991) 19:5227-5232). When a single gene-specific RACE primer is paired with the common primer, preferential amplification of sequences between the single gene specific primer and the common primer occurs. Commercial cDNA pools  
5 modified for use in RACE are available.

Another PCR-based method generates full-length cDNA library with anchored ends without needing specific knowledge of the cDNA sequence. The method uses lock-docking primers (I-VI), where one primer, poly TV (I-III) locks over the polyA tail of eukaryotic mRNA producing first strand synthesis and a second primer, polyGH (IV-VI) locks onto the polyC tail added by terminal  
10 deoxynucleotidyl transferase (TdT)(see, e.g., WO 96/40998).

The promoter region of a gene generally is located 5' to the initiation site for RNA polymerase II. Hundreds of promoter regions contain the "TATA" box, a sequence such as TATTA or TATAA, which is sensitive to mutations. The promoter region can be obtained by performing 5' RACE using a primer from the coding region of the gene. Alternatively, the cDNA can be used as a  
15 probe for the genomic sequence, and the region 5' to the coding region is identified by "walking up." If the gene is highly expressed or differentially expressed, the promoter from the gene can be of use in a regulatory construct for a heterologous gene.

Once the full-length cDNA or gene is obtained, DNA encoding variants can be prepared by site-directed mutagenesis, described in detail in Sambrook *et al.*, 15.3-15.63. The choice of codon or  
20 nucleotide to be replaced can be based on disclosure herein on optional changes in amino acids to achieve altered protein structure and/or function.

As an alternative method to obtaining DNA or RNA from a biological material, nucleic acid comprising nucleotides having the sequence of one or more polynucleotides of the invention can be synthesized. Thus, the invention encompasses nucleic acid molecules ranging in length from 15 nt  
25 (corresponding to at least 15 contiguous nt of one of SEQ ID NOS:1-2707) up to a maximum length suitable for one or more biological manipulations, including replication and expression, of the nucleic acid molecule. The invention includes but is not limited to (a) nucleic acid having the size of a full gene, and comprising at least one of SEQ ID NOS:1-2707; (b) the nucleic acid of (a) also comprising at least one additional gene, operably linked to permit expression of a fusion protein; (c)  
30 an expression vector comprising (a) or (b); (d) a plasmid comprising (a) or (b); and (e) a recombinant viral particle comprising (a) or (b). Once provided with the polynucleotides disclosed herein, construction or preparation of (a) - (e) are well within the skill in the art.

The sequence of a nucleic acid comprising at least 15 contiguous nt of at least any one of SEQ ID NOS:1-2707, preferably the entire sequence of at least any one of SEQ ID NOS:1-2707, is  
35 not limited and can be any sequence of A, T, G, and/or C (for DNA) and A, U, G, and/or C (for



RNA) or modified bases thereof, including inosine and pseudouridine. The choice of sequence will depend on the desired function and can be dictated by coding regions desired, the intron-like regions desired, and the regulatory regions desired. Where the entire sequence of any one of SEQ ID NOS:1-2707 is within the nucleic acid, the nucleic acid obtained is referred to herein as a polynucleotide comprising the sequence of any one of SEQ ID NOS:1-2707.

Expression of Polypeptide Encoded by Full-Length cDNA or Full-Length Gene

The provided polynucleotides (e.g., a polynucleotide having a sequence of one of SEQ ID NOS:1-2707), the corresponding cDNA, or the full-length gene is used to express a partial or complete gene product. Constructs of polynucleotides having sequences of SEQ ID NOS:1-2707 can also be generated synthetically. Alternatively, single-step assembly of a gene and entire plasmid from large numbers of oligodeoxyribonucleotides is described by, e.g., Stemmer *et al.*, *Gene (Amsterdam)* (1995) 164(1):49-53. In this method, assembly PCR (the synthesis of long DNA sequences from large numbers of oligodeoxyribonucleotides (oligos)) is described. The method is derived from DNA shuffling (Stemmer, *Nature* (1994) 370:389-391), and does not rely on DNA ligase, but instead relies on DNA polymerase to build increasingly longer DNA fragments during the assembly process.

Appropriate polynucleotide constructs are purified using standard recombinant DNA techniques as described in, for example, Sambrook *et al.*, *Molecular Cloning: A Laboratory Manual*, 2nd Ed., (1989) Cold Spring Harbor Press, Cold Spring Harbor, NY, and under current regulations described in United States Dept. of HHS, National Institute of Health (NIH) Guidelines for Recombinant DNA Research. The gene product encoded by a polynucleotide of the invention is expressed in any expression system, including, for example, bacterial, yeast, insect, amphibian and mammalian systems. Vectors, host cells and methods for obtaining expression in same are well known in the art. Suitable vectors and host cells are described in USPN 5,654,173.

Polynucleotide molecules comprising a polynucleotide sequence provided herein are generally propagated by placing the molecule in a vector. Viral and non-viral vectors are used, including plasmids. The choice of plasmid will depend on the type of cell in which propagation is desired and the purpose of propagation. Certain vectors are useful for amplifying and making large amounts of the desired DNA sequence. Other vectors are suitable for expression in cells in culture. Still other vectors are suitable for transfer and expression in cells in a whole animal or person. The choice of appropriate vector is well within the skill of the art. Many such vectors are available commercially. Methods for preparation of vectors comprising a desired sequence are well known in the art.

The polynucleotides set forth in SEQ ID NOS:1-2707 or their corresponding full-length polynucleotides are linked to regulatory sequences as appropriate to obtain the desired expression

properties. These can include promoters (attached either at the 5' end of the sense strand or at the 3' end of the antisense strand), enhancers, terminators, operators, repressors, and inducers. The promoters can be regulated or constitutive. In some situations it may be desirable to use conditionally active promoters, such as tissue-specific or developmental stage-specific promoters.

- 5 These are linked to the desired nucleotide sequence using the techniques described above for linkage to vectors. Any techniques known in the art can be used.

- When any of the above host cells, or other appropriate host cells or organisms, are used to replicate and/or express the polynucleotides or nucleic acids of the invention, the resulting replicated nucleic acid, RNA, expressed protein or polypeptide, is within the scope of the invention as a  
10 product of the host cell or organism. The product is recovered by any appropriate means known in the art.

Once the gene corresponding to a selected polynucleotide is identified, its expression can be regulated in the cell to which the gene is native. For example, an endogenous gene of a cell can be regulated by an exogenous regulatory sequence as disclosed in USPN 5,641,670.

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Identification of Functional and Structural Motifs of Novel Genes Screening Against Publicly Available Databases

- Translations of the nucleotide sequence of the provided polynucleotides, cDNAs or full genes can be aligned with individual known sequences. Similarity with individual sequences can be  
20 used to determine the activity of the polypeptides encoded by the polynucleotides of the invention. Also, sequences exhibiting similarity with more than one individual sequence can exhibit activities that are characteristic of either or both individual sequences.

- The full length sequences and fragments of the polynucleotide sequences of the nearest neighbors can be used as probes and primers to identify and isolate the full length sequence  
25 corresponding to provided polynucleotides. The nearest neighbors can indicate a tissue or cell type to be used to construct a library for the full-length sequences corresponding to the provided polynucleotides.

- Typically, a selected polynucleotide is translated in all six frames to determine the best alignment with the individual sequences. The sequences disclosed herein in the Sequence Listing are in a 5' to 3' orientation and translation in three frames can be sufficient (with a few specific  
30 exceptions as described in the Examples). These amino acid sequences are referred to, generally, as query sequences, which will be aligned with the individual sequences. Databases with individual sequences are described in "Computer Methods for Macromolecular Sequence Analysis" *Methods in Enzymology* (1996) 266, Doolittle, Academic Press, Inc., a division of Harcourt Brace & Co., San  
35 Diego, California, USA. Databases include GenBank, EMBL, and DNA Database of Japan (DDBJ).

Query and individual sequences can be aligned using the methods and computer programs described above, and include BLAST 2.0, available over the world wide web at <http://www.ncbi.nlm.nih.gov/BLAST/>. See also Altschul, et al. *Nucleic Acids Res.* (1997) 25:3389-3402. Another alignment algorithm is Fasta, available in the Genetics Computing Group (GCG) package, Madison, Wisconsin, USA, a wholly owned subsidiary of Oxford Molecular Group, Inc. Other techniques for alignment are described in Doolittle, *supra*. Preferably, an alignment program that permits gaps in the sequence is utilized to align the sequences. The Smith-Waterman is one type of algorithm that permits gaps in sequence alignments. See *Meth. Mol. Biol.* (1997) 70: 173-187. Also, the GAP program using the Needleman and Wunsch alignment method can be utilized to align sequences. An alternative search strategy uses MPSRCH software, which runs on a MASPAR computer. MPSRCH uses a Smith-Waterman algorithm to score sequences on a massively parallel computer. This approach improves ability to identify sequences that are distantly related matches, and is especially tolerant of small gaps and nucleotide sequence errors. Amino acid sequences encoded by the provided polynucleotides can be used to search both protein and DNA databases.

Incorporated herein by reference are all sequences that have been made public as of the filing date of this application by any of the DNA or protein sequence databases, including the patent databases (e.g., GeneSeq). Also incorporated by reference are those sequences that have been submitted to these databases as of the filing date of the present application but not made public until after the filing date of the present application.

Results of individual and query sequence alignments can be divided into three categories: high similarity, weak similarity, and no similarity. Individual alignment results ranging from high similarity to weak similarity provide a basis for determining polypeptide activity and/or structure. Parameters for categorizing individual results include: percentage of the alignment region length where the strongest alignment is found, percent sequence identity, and p value. The percentage of the alignment region length is calculated by counting the number of residues of the individual sequence found in the region of strongest alignment, e.g., contiguous region of the individual sequence that contains the greatest number of residues that are identical to the residues of the corresponding region of the aligned query sequence. This number is divided by the total residue length of the query sequence to calculate a percentage. For example, a query sequence of 20 amino acid residues might be aligned with a 20 amino acid region of an individual sequence. The individual sequence might be identical to amino acid residues 5, 9-15, and 17-19 of the query sequence. The region of strongest alignment is thus the region stretching from residue 9-19, an 11 amino acid stretch. The percentage of the alignment region length is: 11 (length of the region of strongest alignment) divided by (query sequence length) 20 or 55%.

Percent sequence identity is calculated by counting the number of amino acid matches between the query and individual sequence and dividing total number of matches by the number of residues of the individual sequences found in the region of strongest alignment. Thus, the percent identity in the example above would be 10 matches divided by 11 amino acids, or approximately, 90.9%.

P value is the probability that the alignment was produced by chance. For a single alignment, the p value can be calculated according to Karlin *et al.*, *Proc. Natl. Acad. Sci.* (1990) 87:2264 and Karlin *et al.*, *Proc. Natl. Acad. Sci.* (1993) 90. The p value of multiple alignments using the same query sequence can be calculated using an heuristic approach described in Altschul *et al.*, *Nat. Genet.* (1994) 6:119. Alignment programs such as BLAST program can calculate the p value. See also Altschul *et al.*, *Nucleic Acids Res.* (1997) 25:3389-3402.

Another factor to consider for determining identity or similarity is the location of the similarity or identity. Strong local alignment can indicate similarity even if the length of alignment is short. Sequence identity scattered throughout the length of the query sequence also can indicate a similarity between the query and profile sequences. The boundaries of the region where the sequences align can be determined according to Doolittle, *supra*; BLAST 2.0 (see, *e.g.*, Altschul, *et al.* *Nucleic Acids Res.* (1997) 25:3389-3402) or FAST programs; or by determining the area where sequence identity is highest.

High Similarity. In general, in alignment results considered to be of high similarity, the percent of the alignment region length is typically at least about 55% of total length query sequence; more typically, at least about 58%; even more typically; at least about 60% of the total residue length of the query sequence. Usually, percent length of the alignment region can be as much as about 62%; more usually, as much as about 64%; even more usually, as much as about 66%. Further, for high similarity, the region of alignment, typically, exhibits at least about 75% of sequence identity; more typically, at least about 78%; even more typically; at least about 80% sequence identity. Usually, percent sequence identity can be as much as about 82%; more usually, as much as about 84%; even more usually, as much as about 86%.

The p value is used in conjunction with these methods. If high similarity is found, the query sequence is considered to have high similarity with a profile sequence when the p value is less than or equal to about  $10^{-2}$ ; more usually; less than or equal to about  $10^{-3}$ ; even more usually; less than or equal to about  $10^{-4}$ . More typically, the p value is no more than about  $10^{-5}$ ; more typically; no more than or equal to about  $10^{-10}$ ; even more typically; no more than or equal to about  $10^{-15}$  for the query sequence to be considered high similarity.

Weak Similarity. In general, where alignment results considered to be of weak similarity, there is no minimum percent length of the alignment region nor minimum length of alignment. A better showing of weak similarity is considered when the region of alignment is, typically, at least about 15 amino acid residues in length; more typically, at least about 20; even more typically: at least about 25 amino acid residues in length. Usually, length of the alignment region can be as much as about 30 amino acid residues; more usually, as much as about 40; even more usually, as much as about 60 amino acid residues. Further, for weak similarity, the region of alignment, typically, exhibits at least about 35% of sequence identity; more typically, at least about 40%; even more typically: at least about 45% sequence identity. Usually, percent sequence identity can be as much as about 50%; more usually, as much as about 55%; even more usually, as much as about 60%.

If low similarity is found, the query sequence is considered to have weak similarity with a profile sequence when the p value is usually less than or equal to about  $10^{-2}$ ; more usually: less than or equal to about  $10^{-3}$ ; even more usually; less than or equal to about  $10^{-4}$ . More typically, the p value is no more than about  $10^{-5}$ ; more usually; no more than or equal to about  $10^{-10}$ ; even more usually; no more than or equal to about  $10^{-15}$  for the query sequence to be considered weak similarity.

Similarity Determined by Sequence Identity Alone. Sequence identity alone can be used to determine similarity of a query sequence to an individual sequence and can indicate the activity of the sequence. Such an alignment, preferably, permits gaps to align sequences. Typically, the query sequence is related to the profile sequence if the sequence identity over the entire query sequence is at least about 15%; more typically, at least about 20%; even more typically, at least about 25%; even more typically, at least about 50%. Sequence identity alone as a measure of similarity is most useful when the query sequence is usually, at least 80 residues in length; more usually, 90 residues; even more usually, at least 95 amino acid residues in length. More typically, similarity can be concluded based on sequence identity alone when the query sequence is preferably 100 residues in length; more preferably, 120 residues in length; even more preferably, 150 amino acid residues in length.

Alignments with Profile and Multiple Aligned Sequences. Translations of the provided polynucleotides can be aligned with amino acid profiles that define either protein families or common motifs. Also, translations of the provided polynucleotides can be aligned to multiple sequence alignments (MSA) comprising the polypeptide sequences of members of protein families or motifs. Similarity or identity with profile sequences or MSAs can be used to determine the activity of the gene products (e.g., polypeptides) encoded by the provided polynucleotides or

corresponding cDNA or genes. For example, sequences that show an identity or similarity with a chemokine profile or MSA can exhibit chemokine activities.

Profiles can be designed manually by (1) creating an MSA, which is an alignment of the amino acid sequence of members that belong to the family and (2) constructing a statistical representation of the alignment. Such methods are described, for example, in Birney *et al.*, *Nucl. Acid Res.* (1996) 24(14): 2730-2739. MSAs of some protein families and motifs are publicly available. For example, <http://genome.wustl.edu/Pfam/> includes MSAs of 547 different families and motifs. These MSAs are described also in Sonnhammer *et al.*, *Proteins* (1997) 28: 405-420. Other sources over the world wide web include the site at <http://www.embl-heidelberg.de/argos/ali/ali.html>; alternatively, a message can be sent to [ALI@EMBL-HEIDELBERG.DE](mailto:ALI@EMBL-HEIDELBERG.DE) for the information. A brief description of these MSAs is reported in Pascarella *et al.*, *Prot. Eng.* (1996) 9(3):249-251. Techniques for building profiles from MSAs are described in Sonnhammer *et al.*, *supra*; Birney *et al.*, *supra*; and "Computer Methods for Macromolecular Sequence Analysis," *Methods in Enzymology* (1996) 266. Doolittle, Academic Press, Inc., San Diego, California, USA.

Similarity between a query sequence and a protein family or motif can be determined by (a) comparing the query sequence against the profile and/or (b) aligning the query sequence with the members of the family or motif. Typically, a program such as Searchwise is used to compare the query sequence to the statistical representation of the multiple alignment, also known as a profile (see Birney *et al.*, *supra*). Other techniques to compare the sequence and profile are described in Sonnhammer *et al.*, *supra* and Doolittle, *supra*.

Next, methods described by Feng *et al.*, *J. Mol. Evol.* (1987) 25:351 and Higgins *et al.*, *CABIOS* (1989) 5:151 can be used to align the query sequence with the members of a family or motif, also known as a MSA. Sequence alignments can be generated using any of a variety of software tools. Examples include PileUp, which creates a multiple sequence alignment, and is described in Feng *et al.*, *J. Mol. Evol.* (1987) 25:351. Another method, GAP, uses the alignment method of Needleman *et al.*, *J. Mol. Biol.* (1970) 48:443. GAP is best suited for global alignment of sequences. A third method, BestFit, functions by inserting gaps to maximize the number of matches using the local homology algorithm of Smith *et al.*, *Adv. Appl. Math.* (1981) 2:482. In general, the following factors are used to determine if a similarity between a query sequence and a profile or MSA exists:

- (1) number of conserved residues found in the query sequence, (2) percentage of conserved residues found in the query sequence, (3) number of frameshifts, and (4) spacing between conserved residues.

Some alignment programs that both translate and align sequences can make any number of frameshifts when translating the nucleotide sequence to produce the best alignment. The fewer frameshifts needed to produce an alignment, the stronger the similarity or identity between the query and profile or MSAs. For example, a weak similarity resulting from no frameshifts can be a better

indication of activity or structure of a query sequence. than a strong similarity resulting from two frameshifts. Preferably, three or fewer frameshifts are found in an alignment; more preferably two or fewer frameshifts; even more preferably, one or fewer frameshifts; even more preferably, no frameshifts are found in an alignment of query and profile or MSAs.

5 Conserved residues are those amino acids found at a particular position in all or some of the family or motif members. Alternatively, a position is considered conserved if only a certain class of amino acids is found in a particular position in all or some of the family members. For example, the N-terminal position can contain a positively charged amino acid, such as lysine, arginine, or histidine.

10 Typically, a residue of a polypeptide is conserved when a class of amino acids or a single amino acid is found at a particular position in at least about 40% of all class members; more typically, at least about 50%; even more typically, at least about 60% of the members. Usually, a residue is conserved when a class or single amino acid is found in at least about 70% of the members of a family or motif; more usually, at least about 80%; even more usually, at least about 90%; even  
15 more usually, at least about 95%.

A residue is considered conserved when three unrelated amino acids are found at a particular position in the some or all of the members; more usually, two unrelated amino acids. These residues are conserved when the unrelated amino acids are found at particular positions in at least about 40% of all class member; more typically, at least about 50%; even more typically, at least about 60% of  
20 the members. Usually, a residue is conserved when a class or single amino acid is found in at least about 70% of the members of a family or motif; more usually, at least about 80%; even more usually, at least about 90%; even more usually, at least about 95%.

A query sequence has similarity to a profile or MSA when the query sequence comprises at least about 25% of the conserved residues of the profile or MSA; more usually, at least about 30%;  
25 even more usually; at least about 40%. Typically, the query sequence has a stronger similarity to a profile sequence or MSA when the query sequence comprises at least about 45% of the conserved residues of the profile or MSA; more typically, at least about 50%; even more typically; at least about 55%.

#### Identification of Secreted & Membrane-Bound Polypeptides

30 Both secreted and membrane-bound polypeptides of the present invention are of particular interest. For example, levels of secreted polypeptides can be assayed in body fluids that are convenient, such as blood, plasma, serum, and other body fluids such as urine, prostatic fluid and semen. Membrane-bound polypeptides are useful for constructing vaccine antigens or inducing an immune response. Such antigens would comprise all or part of the extracellular region of the  
35 membrane-bound polypeptides. Because both secreted and membrane-bound polypeptides comprise

a fragment of contiguous hydrophobic amino acids, hydrophobicity predicting algorithms can be used to identify such polypeptides.

A signal sequence is usually encoded by both secreted and membrane-bound polypeptide genes to direct a polypeptide to the surface of the cell. The signal sequence usually comprises a stretch of hydrophobic residues. Such signal sequences can fold into helical structures. Membrane-bound polypeptides typically comprise at least one transmembrane region that possesses a stretch of hydrophobic amino acids that can transverse the membrane. Some transmembrane regions also exhibit a helical structure. Hydrophobic fragments within a polypeptide can be identified by using computer algorithms. Such algorithms include Hopp & Woods, *Proc. Natl. Acad. Sci. USA* (1981) 78:3824-3828; Kyte & Doolittle, *J. Mol. Biol.* (1982) 157: 105-132; and RAOAR algorithm. Degli Esposti *et al.*, *Eur. J. Biochem.* (1990) 190: 207-219.

Another method of identifying secreted and membrane-bound polypeptides is to translate the polynucleotides of the invention in all six frames and determine if at least 8 contiguous hydrophobic amino acids are present. Those translated polypeptides with at least 8: more typically, 10; even more typically, 12 contiguous hydrophobic amino acids are considered to be either a putative secreted or membrane bound polypeptide. Hydrophobic amino acids include alanine, glycine, histidine, isoleucine, leucine, lysine, methionine, phenylalanine, proline, threonine, tryptophan, tyrosine, and valine.

#### Identification of the Function of an Expression Product of a Full-Length Gene

Ribozymes, antisense constructs, and dominant negative mutants can be used to determine function of the expression product of a gene corresponding to a polynucleotide provided herein. These methods and compositions are particularly useful where the provided novel polynucleotide exhibits no significant or substantial homology to a sequence encoding a gene of known function. Antisense molecules and ribozymes can be constructed from synthetic polynucleotides. Typically, the phosphoramidite method of oligonucleotide synthesis is used. See Beaucage *et al.*, *Tet. Lett.* (1981) 22:1859 and USPN 4,668,777. Automated devices for synthesis are available to create oligonucleotides using this chemistry. Examples of such devices include Biosearch 8600, Models 392 and 394 by Applied Biosystems, a division of Perkin-Elmer Corp., Foster City, California, USA; and Expedite by Perceptive Biosystems, Framingham, Massachusetts, USA. Synthetic RNA, phosphate analog oligonucleotides, and chemically derivatized oligonucleotides can also be produced, and can be covalently attached to other molecules. RNA oligonucleotides can be synthesized, for example, using RNA phosphoramidites. This method can be performed on an automated synthesizer, such as Applied Biosystems, Models 392 and 394, Foster City, California, USA.



Phosphorothioate oligonucleotides can also be synthesized for antisense construction. A sulfurizing reagent, such as tetraethylthiuram disulfide (TETD) in acetonitrile can be used to convert the internucleotide cyanoethyl phosphite to the phosphorothioate triester within 15 minutes at room temperature. TETD replaces the iodine reagent, while all other reagents used for standard phosphoramidite chemistry remain the same. Such a synthesis method can be automated using Models 392 and 394 by Applied Biosystems, for example.

Oligonucleotides of up to 200 nt can be synthesized, more typically, 100 nt, more typically 50 nt; even more typically 30 to 40 nt. These synthetic fragments can be annealed and ligated together to construct larger fragments. See, for example, Sambrook *et al.*, *supra*. Trans-cleaving catalytic RNAs (ribozymes) are RNA molecules possessing endoribonuclease activity. Ribozymes are specifically designed for a particular target, and the target message must contain a specific nucleotide sequence. They are engineered to cleave any RNA species site-specifically in the background of cellular RNA. The cleavage event renders the mRNA unstable and prevents protein expression. Importantly, ribozymes can be used to inhibit expression of a gene of unknown function for the purpose of determining its function in an in vitro or in vivo context, by detecting the phenotypic effect. One commonly used ribozyme motif is the hammerhead, for which the substrate sequence requirements are minimal. Design of the hammerhead ribozyme, as well as therapeutic uses of ribozymes, are disclosed in Usman *et al.*, *Current Opin. Struct. Biol.* (1996) 6:527. Methods for production of ribozymes, including hairpin structure ribozyme fragments, methods of increasing ribozyme specificity, and the like are known in the art.

The hybridizing region of the ribozyme can be modified or can be prepared as a branched structure as described in Horn and Urdea, *Nucleic Acids Res.* (1989) 17:6959. The basic structure of the ribozymes can also be chemically altered in ways familiar to those skilled in the art, and chemically synthesized ribozymes can be administered as synthetic oligonucleotide derivatives modified by monomeric units. In a therapeutic context, liposome mediated delivery of ribozymes improves cellular uptake, as described in Birikh *et al.*, *Eur. J. Biochem.* (1997) 245:1.

Antisense nucleic acids are designed to specifically bind to RNA, resulting in the formation of RNA-DNA or RNA-RNA hybrids, with an arrest of DNA replication, reverse transcription or messenger RNA translation. Antisense polynucleotides based on a selected polynucleotide sequence can interfere with expression of the corresponding gene. Antisense polynucleotides are typically generated within the cell by expression from antisense constructs that contain the antisense strand as the transcribed strand. Antisense polynucleotides based on the disclosed polynucleotides will bind and/or interfere with the translation of mRNA comprising a sequence complementary to the antisense polynucleotide. The expression products of control cells and cells treated with the antisense construct are compared to detect the protein product of the gene corresponding to the

polynucleotide upon which the antisense construct is based. The protein is isolated and identified using routine biochemical methods.

Given the extensive background literature and clinical experience in antisense therapy, one skilled in the art can use selected polynucleotides of the invention as additional potential  
5 therapeutics. The choice of polynucleotide can be narrowed by first testing them for binding to "hot spot" regions of the genome of cancerous cells. If a polynucleotide is identified as binding to a "hot spot", testing the polynucleotide as an antisense compound in the corresponding cancer cells is warranted.

As an alternative method for identifying function of the gene corresponding to a  
10 polynucleotide disclosed herein, dominant negative mutations are readily generated for corresponding proteins that are active as homomultimers. A mutant polypeptide will interact with wild-type polypeptides (made from the other allele) and form a non-functional multimer. Thus, a mutation is in a substrate-binding domain, a catalytic domain, or a cellular localization domain. Preferably, the mutant polypeptide will be overproduced. Point mutations are made that have such  
15 an effect. In addition, fusion of different polypeptides of various lengths to the terminus of a protein can yield dominant negative mutants. General strategies are available for making dominant negative mutants (see, e.g., Herskowitz, *Nature* (1987) 329:219). Such techniques can be used to create loss of function mutations, which are useful for determining protein function.

#### Polypeptides and Variants Thereof

20 The polypeptides of the invention include those encoded by the disclosed polynucleotides, as well as nucleic acids that, by virtue of the degeneracy of the genetic code, are not identical in sequence to the disclosed polynucleotides. Thus, the invention includes within its scope a polypeptide encoded by a polynucleotide having the sequence of any one of SEQ ID NOS:1-2707 or a variant thereof.

25 In general, the term "polypeptide" as used herein refers to both the full length polypeptide encoded by the recited polynucleotide, the polypeptide encoded by the gene represented by the recited polynucleotide, as well as portions or fragments thereof. "Polypeptides" also includes variants of the naturally occurring proteins, where such variants are homologous or substantially similar to the naturally occurring protein, and can be of an origin of the same or different species as  
30 the naturally occurring protein (e.g., human, murine, or some other species that naturally expresses the recited polypeptide, usually a mammalian species). In general, variant polypeptides have a sequence that has at least about 80%, usually at least about 90%, and more usually at least about 98% sequence identity with a differentially expressed polypeptide of the invention, as measured by BLAST 2.0 using the parameters described above. The variant polypeptides can be naturally or non-

naturally glycosylated. *i.e.*, the polypeptide has a glycosylation pattern that differs from the glycosylation pattern found in the corresponding naturally occurring protein.

The invention also encompasses homologs of the disclosed polypeptides (or fragments thereof) where the homologs are isolated from other species. *i.e.* other animal or plant species. 5 where such homologs, usually mammalian species, *e.g.* rodents, such as mice, rats; domestic animals. *e.g.*, horse, cow, dog, cat; and humans. By "homolog" is meant a polypeptide having at least about 35%, usually at least about 40% and more usually at least about 60% amino acid sequence identity to a particular differentially expressed protein as identified above, where sequence identity is determined using the BLAST 2.0 algorithm, with the parameters described *supra*.

10 In general, the polypeptides of the subject invention are provided in a non-naturally occurring environment. *e.g.* are separated from their naturally occurring environment. In certain embodiments, the subject protein is present in a composition that is enriched for the protein as compared to a control. As such, purified polypeptide is provided, where by purified is meant that the protein is present in a composition that is substantially free of non-differentially expressed 15 polypeptides, where by substantially free is meant that less than 90%, usually less than 60% and more usually less than 50% of the composition is made up of non-differentially expressed polypeptides.

Also within the scope of the invention are variants; variants of polypeptides include mutants, fragments, and fusions. Mutants can include amino acid substitutions, additions or 20 deletions. The amino acid substitutions can be conservative amino acid substitutions or substitutions to eliminate non-essential amino acids, such as to alter a glycosylation site, a phosphorylation site or an acetylation site, or to minimize misfolding by substitution or deletion of one or more cysteine residues that are not necessary for function. Conservative amino acid substitutions are those that preserve the general charge, hydrophobicity/ hydrophilicity, and/or steric bulk of the amino acid 25 substituted. Variants can be designed so as to retain or have enhanced biological activity of a particular region of the protein (*e.g.*, a functional domain and/or, where the polypeptide is a member of a protein family, a region associated with a consensus sequence). Selection of amino acid alterations for production of variants can be based upon the accessibility (interior vs. exterior) of the amino acid (see. *e.g.*, Go *et al.* *Int. J. Peptide Protein Res.* (1980) 15:211), the thermostability of the 30 variant polypeptide (see. *e.g.*, Querol *et al.*, *Prot. Eng.* (1996) 9:265), desired glycosylation sites (see. *e.g.*, Olsen and Thomsen, *J. Gen. Microbiol.* (1991) 137:579), desired disulfide bridges (see, *e.g.*, Clarke *et al.*, *Biochemistry* (1993) 32:4322; and Wakarchuk *et al.*, *Protein Eng.* (1994) 7:1379), desired metal binding sites (see. *e.g.*, Toma *et al.*, *Biochemistry* (1991) 30:97, and Haezrebrouck *et al.*, *Protein Eng.* (1993) 6:643), and desired substitutions with in proline loops (see, *e.g.*, Masul *et*

*al., Appl. Env. Microbiol.* (1994) 60:3579). Cysteine-depleted muteins can be produced as disclosed in USPN 4,959,314.

5 Variants also include fragments of the polypeptides disclosed herein, particularly biologically active fragments and/or fragments corresponding to functional domains. Fragments of interest will typically be at least about 10 aa to at least about 15 aa in length, usually at least about 50 aa in length, and can be as long as 300 aa in length or longer, but will usually not exceed about 1000 aa in length, where the fragment will have a stretch of amino acids that is identical to a polypeptide encoded by a polynucleotide having a sequence of any SEQ ID NOS:1-2707, or a homolog thereof. The protein variants described herein are encoded by polynucleotides that are  
10 within the scope of the invention. The genetic code can be used to select the appropriate codons to construct the corresponding variants.

#### Computer-Related Embodiments

In general, a library of polynucleotides is a collection of sequence information, which information is provided in either biochemical form (*e.g.*, as a collection of polynucleotide  
15 molecules), or in electronic form (*e.g.*, as a collection of polynucleotide sequences stored in a computer-readable form, as in a computer system and/or as part of a computer program). The sequence information of the polynucleotides can be used in a variety of ways, *e.g.*, as a resource for gene discovery, as a representation of sequences expressed in a selected cell type (*e.g.*, cell type markers), and/or as markers of a given disease or disease state. In general, a disease marker is a  
20 representation of a gene product that is present in all cells affected by disease either at an increased or decreased level relative to a normal cell (*e.g.*, a cell of the same or similar type that is not substantially affected by disease). For example, a polynucleotide sequence in a library can be a polynucleotide that represents an mRNA, polypeptide, or other gene product encoded by the polynucleotide, that is either overexpressed or underexpressed in a breast ductal cell affected by  
25 cancer relative to a normal (*i.e.*, substantially disease-free) breast cell.

The nucleotide sequence information of the library can be embodied in any suitable form, *e.g.*, electronic or biochemical forms. For example, a library of sequence information embodied in electronic form comprises an accessible computer data file (or, in biochemical form, a collection of nucleic acid molecules) that contains the representative nucleotide sequences of genes that are  
30 differentially expressed (*e.g.*, overexpressed or underexpressed) as between, for example, i) a cancerous cell and a normal cell; ii) a cancerous cell and a dysplastic cell; iii) a cancerous cell and a cell affected by a disease or condition other than cancer; iv) a metastatic cancerous cell and a normal cell and/or non-metastatic cancerous cell; v) a malignant cancerous cell and a non-malignant cancerous cell (or a normal cell) and/or vi) a dysplastic cell relative to a normal cell. Other  
35 combinations and comparisons of cells affected by various diseases or stages of disease will be

readily apparent to the ordinarily skilled artisan. Biochemical embodiments of the library include a collection of nucleic acids that have the sequences of the genes in the library, where the nucleic acids can correspond to the entire gene in the library or to a fragment thereof, as described in greater detail below.

5           The polynucleotide libraries of the subject invention generally comprise sequence information of a plurality of polynucleotide sequences, where at least one of the polynucleotides has a sequence of any of SEQ ID NOS:1-2707. By plurality is meant at least 2, usually at least 3 and can include up to all of SEQ ID NOS:1-2707. The length and number of polynucleotides in the library will vary with the nature of the library, *e.g.*, if the library is an oligonucleotide array, a cDNA  
10 array, a computer database of the sequence information, etc.

Where the library is an electronic library, the nucleic acid sequence information can be present in a variety of media. "Media" refers to a manufacture, other than an isolated nucleic acid molecule, that contains the sequence information of the present invention. Such a manufacture provides the genome sequence or a subset thereof in a form that can be examined by means not  
15 directly applicable to the sequence as it exists in a nucleic acid. For example, the nucleotide sequence of the present invention, *e.g.* the nucleic acid sequences of any of the polynucleotides of SEQ ID NOS:1-2707, can be recorded on computer readable media, *e.g.* any medium that can be read and accessed directly by a computer. Such media include, but are not limited to: magnetic storage media, such as a floppy disc, a hard disc storage medium, and a magnetic tape; optical  
20 storage media such as CD-ROM; electrical storage media such as RAM and ROM; and hybrids of these categories such as magnetic/optical storage media. One of skill in the art can readily appreciate how any of the presently known computer readable mediums can be used to create a manufacture comprising a recording of the present sequence information. "Recorded" refers to a process for storing information on computer readable medium, using any such methods as known in  
25 the art. Any convenient data storage structure can be chosen, based on the means used to access the stored information. A variety of data processor programs and formats can be used for storage, *e.g.* word processing text file, database format, *etc.* In addition to the sequence information, electronic versions of the libraries of the invention can be provided in conjunction or connection with other computer-readable information and/or other types of computer-readable files (*e.g.*, searchable files, executable files, *etc.*, including, but not limited to, for example, search program software, *etc.*).  
30

By providing the nucleotide sequence in computer readable form, the information can be accessed for a variety of purposes. Computer software to access sequence information is publicly available. For example, the gapped BLAST (Altschul *et al. Nucleic Acids Res.* (1997) 25:3389-3402) and BLAZE (Brutlag *et al. Comp. Chem.* (1993) 17:203) search algorithms on a Sybase

system can be used to identify open reading frames (ORFs) within the genome that contain homology to ORFs from other organisms.

As used herein, "a computer-based system" refers to the hardware means, software means, and data storage means used to analyze the nucleotide sequence information of the present invention. The minimum hardware of the computer-based systems of the present invention comprises a central processing unit (CPU), input means, output means, and data storage means. A skilled artisan can readily appreciate that any one of the currently available computer-based system are suitable for use in the present invention. The data storage means can comprise any manufacture comprising a recording of the present sequence information as described above, or a memory access means that can access such a manufacture.

"Search means" refers to one or more programs implemented on the computer-based system, to compare a target sequence or target structural motif, or expression levels of a polynucleotide in a sample, with the stored sequence information. Search means can be used to identify fragments or regions of the genome that match a particular target sequence or target motif. A variety of known algorithms are publicly known and commercially available, *e.g.* MacPattern (EMBL), BLASTN and BLASTX (NCBI). A "target sequence" can be any polynucleotide or amino acid sequence of six or more contiguous nucleotides or two or more amino acids, preferably from about 10 to 100 amino acids or from about 30 to 300 nt. A variety of comparing means can be used to accomplish comparison of sequence information from a sample (*e.g.*, to analyze target sequences, target motifs, or relative expression levels) with the data storage means. A skilled artisan can readily recognize that any one of the publicly available homology search programs can be used as the search means for the computer based systems of the present invention to accomplish comparison of target sequences and motifs. Computer programs to analyze expression levels in a sample and in controls are also known in the art.

A "target structural motif," or "target motif," refers to any rationally selected sequence or combination of sequences in which the sequence(s) are chosen based on a three-dimensional configuration that is formed upon the folding of the target motif, or on consensus sequences of regulatory or active sites. There are a variety of target motifs known in the art. Protein target motifs include, but are not limited to, enzyme active sites and signal sequences. Nucleic acid target motifs include, but are not limited to, hairpin structures, promoter sequences and other expression elements such as binding sites for transcription factors.

A variety of structural formats for the input and output means can be used to input and output the information in the computer-based systems of the present invention. One format for an output means ranks the relative expression levels of different polynucleotides. Such presentation

provides a skilled artisan with a ranking of relative expression levels to determine a gene expression profile.

As discussed above, the "library" of the invention also encompasses biochemical libraries of the polynucleotides of SEQ ID NOS:1-2707, *e.g.*, collections of nucleic acids representing the provided polynucleotides. The biochemical libraries can take a variety of forms, *e.g.*, a solution of cDNAs, a pattern of probe nucleic acids stably associated with a surface of a solid support (*i.e.*, an array) and the like. Of particular interest are nucleic acid arrays in which one or more of SEQ ID NOS:1-2707 is represented on the array. By array is meant an article of manufacture that has at least a substrate with at least two distinct nucleic acid targets on one of its surfaces, where the number of distinct nucleic acids can be considerably higher, typically being at least 10 nt, usually at least 20 nt and often at least 25 nt. A variety of different array formats have been developed and are known to those of skill in the art. The arrays of the subject invention find use in a variety of applications, including gene expression analysis, drug screening, mutation analysis and the like, as disclosed in the above-listed exemplary patent documents.

In addition to the above nucleic acid libraries, analogous libraries of polypeptides are also provided, where the polypeptides of the library will represent at least a portion of the polypeptides encoded by SEQ ID NOS:1-2707.

#### Utilities

##### Use of Polynucleotide Probes in Mapping, and in Tissue Profiling

Polynucleotide probes, generally comprising at least 12 contiguous nt of a polynucleotide as shown in the Sequence Listing, are used for a variety of purposes, such as chromosome mapping of the polynucleotide and detection of transcription levels. Additional disclosure about preferred regions of the disclosed polynucleotide sequences is found in the Examples. A probe that hybridizes specifically to a polynucleotide disclosed herein should provide a detection signal at least 5-, 10-, or 20-fold higher than the background hybridization provided with other unrelated sequences.

Detection of Expression Levels. Nucleotide probes are used to detect expression of a gene corresponding to the provided polynucleotide. In Northern blots, mRNA is separated electrophoretically and contacted with a probe. A probe is detected as hybridizing to an mRNA species of a particular size. The amount of hybridization is quantitated to determine relative amounts of expression, for example under a particular condition. Probes are used for *in situ* hybridization to cells to detect expression. Probes can also be used *in vivo* for diagnostic detection of hybridizing sequences. Probes are typically labeled with a radioactive isotope. Other types of detectable labels can be used such as chromophores, fluors, and enzymes. Other examples of nucleotide hybridization assays are described in WO92/02526 and USPN 5,124,246.

Alternatively, the Polymerase Chain Reaction (PCR) is another means for detecting small amounts of target nucleic acids (see, e.g., Mullis *et al.*, *Meth. Enzymol.* (1987) 155:335; USPN 4,683,195; and USPN 4,683,202). Two primer polynucleotides nucleotides that hybridize with the target nucleic acids are used to prime the reaction. The primers can be composed of sequence within or 3' and 5' to the polynucleotides of the Sequence Listing. Alternatively, if the primers are 3' and 5' to these polynucleotides, they need not hybridize to them or the complements. After amplification of the target with a thermostable polymerase, the amplified target nucleic acids can be detected by methods known in the art, e.g., Southern blot. mRNA or cDNA can also be detected by traditional blotting techniques (e.g., Southern blot, Northern blot, etc.) described in Sambrook *et al.*,  
10 "Molecular Cloning: A Laboratory Manual" (New York: Cold Spring Harbor Laboratory, 1989) (e.g., without PCR amplification). In general, mRNA or cDNA generated from mRNA using a polymerase enzyme can be purified and separated using gel electrophoresis, and transferred to a solid support, such as nitrocellulose. The solid support is exposed to a labeled probe, washed to remove any unhybridized probe, and duplexes containing the labeled probe are detected.

15 Mapping. Polynucleotides of the present invention can be used to identify a chromosome on which the corresponding gene resides. Such mapping can be useful in identifying the function of the polynucleotide-related gene by its proximity to other genes with known function. Function can also be assigned to the polynucleotide-related gene when particular syndromes or diseases map to the same chromosome. For example, use of polynucleotide probes in identification and quantification  
20 of nucleic acid sequence aberrations is described in USPN 5,783,387. An exemplary mapping method is fluorescence in situ hybridization (FISH), which facilitates comparative genomic hybridization to allow total genome assessment of changes in relative copy number of DNA sequences (see, e.g., Valdes *et al.*, *Methods in Molecular Biology* (1997) 68:1). Polynucleotides can also be mapped to particular chromosomes using, for example, radiation hybrids or  
25 chromosome-specific hybrid panels. See Leach *et al.*, *Advances in Genetics*, (1995) 33:63-99; Walter *et al.*, *Nature Genetics* (1994) 7:22; Walter and Goodfellow, *Trends in Genetics* (1992) 9:352. Panels for radiation hybrid mapping are available from Research Genetics, Inc., Huntsville, Alabama, USA. Databases for markers using various panels are available via the world wide web at <http://F/shgc-www.stanford.edu>; and <http://www-genome.wi.mit.edu/cgi-bin/contig/rhmapper.pl>. The  
30 statistical program RHMAP can be used to construct a map based on the data from radiation hybridization with a measure of the relative likelihood of one order versus another. RHMAP is available via the world wide web at <http://www.sph.umich.edu/group/statgen/software>. In addition, commercial programs are available for identifying regions of chromosomes commonly associated with disease, such as cancer.



Tissue Typing or Profiling. Expression of specific mRNA corresponding to the provided polynucleotides can vary in different cell types and can be tissue-specific. This variation of mRNA levels in different cell types can be exploited with nucleic acid probe assays to determine tissue types. For example, PCR, branched DNA probe assays, or blotting techniques utilizing nucleic acid probes substantially identical or complementary to polynucleotides listed in the Sequence Listing can determine the presence or absence of the corresponding cDNA or mRNA.

Tissue typing can be used to identify the developmental organ or tissue source of a metastatic lesion by identifying the expression of a particular marker of that organ or tissue. If a polynucleotide is expressed only in a specific tissue type, and a metastatic lesion is found to express that polynucleotide, then the developmental source of the lesion has been identified. Expression of a particular polynucleotide can be assayed by detection of either the corresponding mRNA or the protein product. As would be readily apparent to any forensic scientist, the sequences disclosed herein are useful in differentiating human tissue from non-human tissue. In particular, these sequences are useful to differentiate human tissue from bird, reptile, and amphibian tissue, for example.

Use of Polymorphisms. A polynucleotide of the invention can be used in forensics, genetic analysis, mapping, and diagnostic applications where the corresponding region of a gene is polymorphic in the human population. Any means for detecting a polymorphism in a gene can be used, including, but not limited to electrophoresis of protein polymorphic variants, differential sensitivity to restriction enzyme cleavage, and hybridization to allele-specific probes.

#### Antibody Production

Expression products of a polynucleotide of the invention, as well as the corresponding mRNA, cDNA, or complete gene, can be prepared and used for raising antibodies for experimental, diagnostic, and therapeutic purposes. For polynucleotides to which a corresponding gene has not been assigned, this provides an additional method of identifying the corresponding gene. The polynucleotide or related cDNA is expressed as described above, and antibodies are prepared. These antibodies are specific to an epitope on the polypeptide encoded by the polynucleotide, and can precipitate or bind to the corresponding native protein in a cell or tissue preparation or in a cell-free extract of an in vitro expression system.

Methods for production of antibodies that specifically bind a selected antigen are well known in the art. Immunogens for raising antibodies can be prepared by mixing a polypeptide encoded by a polynucleotide of the invention with an adjuvant, and/or by making fusion proteins with larger immunogenic proteins. Polypeptides can also be covalently linked to other larger immunogenic proteins, such as keyhole limpet hemocyanin. Immunogens are typically administered intradermally, subcutaneously, or intramuscularly to experimental animals such as rabbits, sheep,

and mice, to generate antibodies. Monoclonal antibodies can be generated by isolating spleen cells and fusing myeloma cells to form hybridomas. Alternatively, the selected polynucleotide is administered directly, such as by intramuscular injection, and expressed in vivo. The expressed protein generates a variety of protein-specific immune responses, including production of antibodies, comparable to administration of the protein.

Preparations of polyclonal and monoclonal antibodies specific for polypeptides encoded by a selected polynucleotide are made using standard methods known in the art. The antibodies specifically bind to epitopes present in the polypeptides encoded by polynucleotides disclosed in the Sequence Listing. Typically, at least 6, 8, 10, or 12 contiguous amino acids are required to form an epitope. Epitopes that involve non-contiguous amino acids may require a longer polypeptide, e.g., at least 15, 25, or 50 amino acids. Antibodies that specifically bind to human polypeptides encoded by the provided polypeptides should provide a detection signal at least 5-, 10-, or 20-fold higher than a detection signal provided with other proteins when used in Western blots or other immunochemical assays. Preferably, antibodies that specifically bind to polypeptides of the invention do not bind to other proteins in immunochemical assays at detectable levels and can immunoprecipitate the specific polypeptide from solution.

The invention also contemplates naturally occurring antibodies specific for a polypeptide of the invention. For example, serum antibodies to a polypeptide of the invention in a human population can be purified by methods well known in the art, e.g., by passing antiserum over a column to which the corresponding selected polypeptide or fusion protein is bound. The bound antibodies can then be eluted from the column, for example using a buffer with a high salt concentration.

In addition to the antibodies discussed above, the invention also contemplates genetically engineered antibodies, antibody derivatives (e.g., single chain antibodies, antibody fragments (e.g., Fab, etc.)), according to methods well known in the art.

#### Polynucleotides or Arrays for Diagnostics

Polynucleotide arrays provide a high throughput technique that can assay a large number of polynucleotide sequences in a sample. This technology can be used as a diagnostic and as a tool to test for differential expression, e.g., to determine function of an encoded protein. Arrays can be created by spotting polynucleotide probes onto a substrate (e.g., glass, nitrocellulose, etc.) in a two-dimensional matrix or array having bound probes. The probes can be bound to the substrate by either covalent bonds or by non-specific interactions, such as hydrophobic interactions. Samples of polynucleotides can be detectably labeled (e.g., using radioactive or fluorescent labels) and then hybridized to the probes. Double stranded polynucleotides, comprising the labeled sample polynucleotides bound to probe polynucleotides, can be detected once the unbound portion of the

sample is washed away. Techniques for constructing arrays and methods of using these arrays are described in EP 799 897; WO 97/29212; WO 97/27317; EP 785 280; WO 97/02357; USPN 5,593,839; USPN 5,578,832; EP 728 520; USPN 5,599,695; EP 721 016; USPN 5,556,752; WO 95/22058; and USPN 5,631,734. Arrays can be used to, for example, examine differential  
5 expression of genes and can be used to determine gene function. For example, arrays can be used to detect differential expression of a polynucleotide between a test cell and control cell (e.g., cancer cells and normal cells). For example, high expression of a particular message in a cancer cell, which is not observed in a corresponding normal cell, can indicate a cancer specific gene product. Exemplary uses of arrays are further described in, for example, Pappalarado *et al.*, *Sem. Radiation*  
10 *Oncol.* (1998) 8:217; and Ramsay *Nature Biotechnol.* (1998) 16:40.

#### Differential Expression in Diagnosis

The polynucleotides of the invention can also be used to detect differences in expression levels between two cells, e.g., as a method to identify abnormal or diseased tissue in a human. For polynucleotides corresponding to profiles of protein families, the choice of tissue can be selected  
15 according to the putative biological function. In general, the expression of a gene corresponding to a specific polynucleotide is compared between a first tissue that is suspected of being diseased and a second, normal tissue of the human. The tissue suspected of being abnormal or diseased can be derived from a different tissue type of the human, but preferably it is derived from the same tissue type; for example an intestinal polyp or other abnormal growth should be compared with normal  
20 intestinal tissue. The normal tissue can be the same tissue as that of the test sample, or any normal tissue of the patient, especially those that express the polynucleotide-related gene of interest (e.g., brain, thymus, testis, heart, prostate, placenta, spleen, small intestine, skeletal muscle, pancreas, and the mucosal lining of the colon). A difference between the polynucleotide-related gene, mRNA, or protein in the two tissues which are compared, for example in molecular weight, amino acid or  
25 nucleotide sequence, or relative abundance, indicates a change in the gene, or a gene which regulates it, in the tissue of the human that was suspected of being diseased. Examples of detection of differential expression and its use in diagnosis of cancer are described in USPNs 5,688,641 and 5,677,125.

A genetic predisposition to disease in a human can also be detected by comparing  
30 expression levels of an mRNA or protein corresponding to a polynucleotide of the invention in a fetal tissue with levels associated in normal fetal tissue. Fetal tissues that are used for this purpose include, but are not limited to, amniotic fluid, chorionic villi, blood, and the blastomere of an in vitro-fertilized embryo. The comparable normal polynucleotide-related gene is obtained from any tissue. The mRNA or protein is obtained from a normal tissue of a human in which the  
35 polynucleotide-related gene is expressed. Differences such as alterations in the nucleotide sequence

or size of the same product of the fetal polynucleotide-related gene or mRNA, or alterations in the molecular weight, amino acid sequence, or relative abundance of fetal protein, can indicate a germline mutation in the polynucleotide-related gene of the fetus, which indicates a genetic predisposition to disease. In general, diagnostic, prognostic, and other methods of the invention based on differential expression involve detection of a level or amount of a gene product, particularly a differentially expressed gene product, in a test sample obtained from a patient suspected of having or being susceptible to a disease (e.g., breast cancer, lung cancer, colon cancer and/or metastatic forms thereof), and comparing the detected levels to those levels found in normal cells (e.g., cells substantially unaffected by cancer) and/or other control cells (e.g., to differentiate a cancerous cell from a cell affected by dysplasia). Furthermore, the severity of the disease can be assessed by comparing the detected levels of a differentially expressed gene product with those levels detected in samples representing the levels of differentially gene product associated with varying degrees of severity of disease. It should be noted that use of the term "diagnostic" herein is not necessarily meant to exclude "prognostic" or "prognosis," but rather is used as a matter of convenience.

The term "differentially expressed gene" is generally intended to encompass a polynucleotide that can, for example, include an open reading frame encoding a gene product (e.g., a polypeptide), and/or introns of such genes and adjacent 5' and 3' non-coding nucleotide sequences involved in the regulation of expression, up to about 20 kb beyond the coding region, but possibly further in either direction. The gene can be introduced into an appropriate vector for extrachromosomal maintenance or for integration into a host genome. In general, a difference in expression level associated with a decrease in expression level of at least about 25%, usually at least about 50% to 75%, more usually at least about 90% or more is indicative of a differentially expressed gene of interest, i.e., a gene that is underexpressed or down-regulated in the test sample relative to a control sample. Furthermore, a difference in expression level associated with an increase in expression of at least about 25%, usually at least about 50% to 75%, more usually at least about 90% and can be at least about 1 1/2-fold, usually at least about 2-fold to about 10-fold, and can be about 100-fold to about 1,000-fold increase relative to a control sample is indicative of a differentially expressed gene of interest, i.e., an overexpressed or up-regulated gene.

"Differentially expressed polynucleotide" as used herein means a nucleic acid molecule (RNA or DNA) comprising a sequence that represents a differentially expressed gene, e.g., the differentially expressed polynucleotide comprises a sequence (e.g., an open reading frame encoding a gene product) that uniquely identifies a differentially expressed gene so that detection of the differentially expressed polynucleotide in a sample is correlated with the presence of a differentially expressed gene in a sample. "Differentially expressed polynucleotides" is also meant to encompass

fragments of the disclosed polynucleotides, *e.g.*, fragments retaining biological activity, as well as nucleic acids homologous, substantially similar, or substantially identical (*e.g.*, having about 90% sequence identity) to the disclosed polynucleotides.

"Diagnosis" as used herein generally includes determination of a subject's susceptibility to a disease or disorder, determination as to whether a subject is presently affected by a disease or disorder, as well as to the prognosis of a subject affected by a disease or disorder (*e.g.*, identification of pre-metastatic or metastatic cancerous states, stages of cancer, or responsiveness of cancer to therapy). The present invention particularly encompasses diagnosis of subjects in the context of breast cancer (*e.g.*, carcinoma in situ (*e.g.*, ductal carcinoma in situ), estrogen receptor (ER)-positive breast cancer, ER-negative breast cancer, or other forms and/or stages of breast cancer), lung cancer (*e.g.*, small cell carcinoma, non-small cell carcinoma, mesothelioma, and other forms and/or stages of lung cancer), and colon cancer (*e.g.*, adenomatous polyp, colorectal carcinoma, and other forms and/or stages of colon cancer).

"Sample" or "biological sample" as used throughout here are generally meant to refer to samples of biological fluids or tissues, particularly samples obtained from tissues, especially from cells of the type associated with the disease for which the diagnostic application is designed (*e.g.*, ductal adenocarcinoma), and the like. "Samples" is also meant to encompass derivatives and fractions of such samples (*e.g.*, cell lysates). Where the sample is solid tissue, the cells of the tissue can be dissociated or tissue sections can be analyzed.

Methods of the subject invention useful in diagnosis or prognosis typically involve comparison of the abundance of a selected differentially expressed gene product in a sample of interest with that of a control to determine any relative differences in the expression of the gene product, where the difference can be measured qualitatively and/or quantitatively. Quantitation can be accomplished, for example, by comparing the level of expression product detected in the sample with the amounts of product present in a standard curve. A comparison can be made visually: by using a technique such as densitometry, with or without computerized assistance: by preparing a representative library of cDNA clones of mRNA isolated from a test sample, sequencing the clones in the library to determine that number of cDNA clones corresponding to the same gene product, and analyzing the number of clones corresponding to that same gene product relative to the number of clones of the same gene product in a control sample; or by using an array to detect relative levels of hybridization to a selected sequence or set of sequences, and comparing the hybridization pattern to that of a control. The differences in expression are then correlated with the presence or absence of an abnormal expression pattern. A variety of different methods for determining the nucleic acid abundance in a sample are known to those of skill in the art (see, *e.g.*, WO 97/27317). In general, diagnostic assays of the invention involve detection of a gene product of a the polynucleotide

sequence (e.g., mRNA or polypeptide) that corresponds to a sequence of SEQ ID NOS:1-2707. The patient from whom the sample is obtained can be apparently healthy, susceptible to disease (e.g., as determined by family history or exposure to certain environmental factors), or can already be identified as having a condition in which altered expression of a gene product of the invention is implicated.

Diagnosis can be determined based on detected gene product expression levels of a gene product encoded by at least one, preferably at least two or more, at least 3 or more, or at least 4 or more of the polynucleotides having a sequence set forth in SEQ ID NOS:1-2707, and can involve detection of expression of genes corresponding to all of SEQ ID NOS:1-2707 and/or additional sequences that can serve as additional diagnostic markers and/or reference sequences. Where the diagnostic method is designed to detect the presence or susceptibility of a patient to cancer, the assay preferably involves detection of a gene product encoded by a gene corresponding to a polynucleotide that is differentially expressed in cancer. Examples of such differentially expressed polynucleotides are described in the Examples below. Given the provided polynucleotides and information regarding their relative expression levels provided herein, assays using such polynucleotides and detection of their expression levels in diagnosis and prognosis will be readily apparent to the ordinarily skilled artisan.

Any of a variety of detectable labels can be used in connection with the various embodiments of the diagnostic methods of the invention. Suitable detectable labels include fluorochromes, (e.g. fluorescein isothiocyanate (FITC), rhodamine, Texas Red, phycoerythrin, allophycocyanin, 6-carboxyfluorescein (6-FAM), 2',7'-dimethoxy-4',5'-dichloro-6-carboxyfluorescein, 6-carboxy-X-rhodamine (ROX), 6-carboxy-2',4',7',4,7-hexachlorofluorescein (HEX), 5-carboxyfluorescein (5-FAM) or N,N,N',N'-tetramethyl-6-carboxyrhodamine (TAMRA)), radioactive labels, (e.g.  $^{32}\text{P}$ ,  $^{35}\text{S}$ ,  $^3\text{H}$ , etc.), and the like. The detectable label can involve a two stage systems (e.g., biotin-avidin, hapten-anti-hapten antibody, etc.)

Reagents specific for the polynucleotides and polypeptides of the invention, such as antibodies and nucleotide probes, can be supplied in a kit for detecting the presence of an expression product in a biological sample. The kit can also contain buffers or labeling components, as well as instructions for using the reagents to detect and quantify expression products in the biological sample. Exemplary embodiments of the diagnostic methods of the invention are described below in more detail.

Polypeptide detection in diagnosis. In one embodiment, the test sample is assayed for the level of a differentially expressed polypeptide. Diagnosis can be accomplished using any of a number of methods to determine the absence or presence or altered amounts of the differentially expressed polypeptide in the test sample. For example, detection can utilize staining of cells or

histological sections with labeled antibodies, performed in accordance with conventional methods. Cells can be permeabilized to stain cytoplasmic molecules. In general, antibodies that specifically bind a differentially expressed polypeptide of the invention are added to a sample, and incubated for a period of time sufficient to allow binding to the epitope, usually at least about 10 minutes. The antibody can be detectably labeled for direct detection (e.g., using radioisotopes, enzymes, fluorescers, chemilumescers, and the like), or can be used in conjunction with a second stage antibody or reagent to detect binding (e.g., biotin with horseradish peroxidase-conjugated avidin, a secondary antibody conjugated to a fluorescent compound, e.g. fluorescein, rhodamine, Texas red, etc.). The absence or presence of antibody binding can be determined by various methods, including flow cytometry of dissociated cells, microscopy, radiography, scintillation counting, etc. Any suitable alternative methods can of qualitative or quantitative detection of levels or amounts of differentially expressed polypeptide can be used, for example ELISA, western blot, immunoprecipitation, radioimmunoassay, etc.

mRNA detection. The diagnostic methods of the invention can also or alternatively involve detection of mRNA encoded by a gene corresponding to a differentially expressed polynucleotides of the invention. Any suitable qualitative or quantitative methods known in the art for detecting specific mRNAs can be used. mRNA can be detected by, for example, *in situ* hybridization in tissue sections, by reverse transcriptase-PCR, or in Northern blots containing poly A+ mRNA. One of skill in the art can readily use these methods to determine differences in the size or amount of mRNA transcripts between two samples. mRNA expression levels in a sample can also be determined by generation of a library of expressed sequence tags (ESTs) from the sample, where the EST library is representative of sequences present in the sample (Adams, et al., (1991) *Science* 252:1651). Enumeration of the relative representation of ESTs within the library can be used to approximate the relative representation of the gene transcript within the starting sample. The results of EST analysis of a test sample can then be compared to EST analysis of a reference sample to determine the relative expression levels of a selected polynucleotide, particularly a polynucleotide corresponding to one or more of the differentially expressed genes described herein. Alternatively, gene expression in a test sample can be performed using serial analysis of gene expression (SAGE) methodology (e.g., Velculescu et al., *Science* (1995) 270:484) or differential display (DD) methodology (see, e.g., U.S. 5,776,683; and U.S. 5,807,680).

Alternatively, gene expression can be analyzed using hybridization analysis. Oligonucleotides or cDNA can be used to selectively identify or capture DNA or RNA of specific sequence composition, and the amount of RNA or cDNA hybridized to a known capture sequence determined qualitatively or quantitatively, to provide information about the relative representation of a particular message within the pool of cellular messages in a sample. Hybridization analysis can be

designed to allow for concurrent screening of the relative expression of hundreds to thousands of genes by using, for example, array-based technologies having high density formats, including filters, microscope slides, or microchips, or solution-based technologies that use spectroscopic analysis (e.g., mass spectrometry). One exemplary use of arrays in the diagnostic methods of the invention is  
5 described below in more detail.

Use of a single gene in diagnostic applications. The diagnostic methods of the invention can focus on the expression of a single differentially expressed gene. For example, the diagnostic method can involve detecting a differentially expressed gene, or a polymorphism of such a gene (e.g., a polymorphism in an coding region or control region), that is associated with disease.  
10 Disease-associated polymorphisms can include deletion or truncation of the gene, mutations that alter expression level and/or affect activity of the encoded protein, *etc.*

A number of methods are available for analyzing nucleic acids for the presence of a specific sequence, e.g. a disease associated polymorphism. Where large amounts of DNA are available, genomic DNA is used directly. Alternatively, the region of interest is cloned into a suitable vector  
15 and grown in sufficient quantity for analysis. Cells that express a differentially expressed gene can be used as a source of mRNA, which can be assayed directly or reverse transcribed into cDNA for analysis. The nucleic acid can be amplified by conventional techniques, such as the polymerase chain reaction (PCR), to provide sufficient amounts for analysis, and a detectable label can be included in the amplification reaction (e.g., using a detectably labeled primer or detectably labeled  
20 oligonucleotides) to facilitate detection. Alternatively, various methods are also known in the art that utilize oligonucleotide ligation as a means of detecting polymorphisms, see e.g., Riley *et al.*, *Nucl. Acids Res.* (1990) 18:2887; and Delahunty *et al.*, *Am. J. Hum. Genet.* (1996) 58:1239.

The amplified or cloned sample nucleic acid can be analyzed by one of a number of methods known in the art. The nucleic acid can be sequenced by dideoxy or other methods, and the sequence  
25 of bases compared to a selected sequence, e.g., to a wild-type sequence. Hybridization with the polymorphic or variant sequence can also be used to determine its presence in a sample (e.g., by Southern blot, dot blot, *etc.*). The hybridization pattern of a polymorphic or variant sequence and a control sequence to an array of oligonucleotide probes immobilized on a solid support, as described in US 5,445,934, or in WO 95/35505, can also be used as a means of identifying polymorphic or  
30 variant sequences associated with disease. Single strand conformational polymorphism (SSCP) analysis, denaturing gradient gel electrophoresis (DGGE), and heteroduplex analysis in gel matrices are used to detect conformational changes created by DNA sequence variation as alterations in electrophoretic mobility. Alternatively, where a polymorphism creates or destroys a recognition site for a restriction endonuclease, the sample is digested with that endonuclease, and the products size



fractionated to determine whether the fragment was digested. Fractionation is performed by gel or capillary electrophoresis, particularly acrylamide or agarose gels.

Screening for mutations in a gene can be based on the functional or antigenic characteristics of the protein. Protein truncation assays are useful in detecting deletions that can affect the biological activity of the protein. Various immunoassays designed to detect polymorphisms in proteins can be used in screening. Where many diverse genetic mutations lead to a particular disease phenotype, functional protein assays have proven to be effective screening tools. The activity of the encoded protein can be determined by comparison with the wild-type protein.

Pattern matching in diagnosis using arrays. In another embodiment, the diagnostic and/or prognostic methods of the invention involve detection of expression of a selected set of genes in a test sample to produce a test expression pattern (TEP). The TEP is compared to a reference expression pattern (REP), which is generated by detection of expression of the selected set of genes in a reference sample (*e.g.*, a positive or negative control sample). The selected set of genes includes at least one of the genes of the invention, which genes correspond to the polynucleotide sequences of SEQ ID NOS:1-2707. Of particular interest is a selected set of genes that includes gene differentially expressed in the disease for which the test sample is to be screened.

"Reference sequences" or "reference polynucleotides" as used herein in the context of differential gene expression analysis and diagnosis/prognosis refers to a selected set of polynucleotides, which selected set includes at least one or more of the differentially expressed polynucleotides described herein. A plurality of reference sequences, preferably comprising positive and negative control sequences, can be included as reference sequences. Additional suitable reference sequences are found in GenBank, Unigene, and other nucleotide sequence databases (including, *e.g.*, expressed sequence tag (EST), partial, and full-length sequences).

"Reference array" means an array having reference sequences for use in hybridization with a sample, where the reference sequences include all, at least one of, or any subset of the differentially expressed polynucleotides described herein. Usually such an array will include at least 3 different reference sequences, and can include any one or all of the provided differentially expressed sequences. Arrays of interest can further comprise sequences, including polymorphisms, of other genetic sequences, particularly other sequences of interest for screening for a disease or disorder (*e.g.*, cancer, dysplasia, or other related or unrelated diseases, disorders, or conditions). The oligonucleotide sequence on the array will usually be at least about 12 nt in length, and can be of about the length of the provided sequences, or can extend into the flanking regions to generate fragments of 100 nt to 200 nt in length or more. Reference arrays can be produced according to any suitable methods known in the art. For example, methods of producing large arrays of oligonucleotides are described in U.S. 5,134,854, and U.S. 5,445,934 using light-directed synthesis

techniques. Using a computer controlled system, a heterogeneous array of monomers is converted, through simultaneous coupling at a number of reaction sites, into a heterogeneous array of polymers. Alternatively, microarrays are generated by deposition of pre-synthesized oligonucleotides onto a solid substrate, for example as described in PCT published application no. WO 95/35505.

5 A "reference expression pattern" or "REP" as used herein refers to the relative levels of expression of a selected set of genes, particularly of differentially expressed genes, that is associated with a selected cell type, *e.g.*, a normal cell, a cancerous cell, a cell exposed to an environmental stimulus, and the like. A "test expression pattern" or "TEP" refers to relative levels of expression of a selected set of genes, particularly of differentially expressed genes, in a test sample (*e.g.*, a cell of  
10 unknown or suspected disease state, from which mRNA is isolated).

REPs can be generated in a variety of ways according to methods well known in the art. For example, REPs can be generated by hybridizing a control sample to an array having a selected set of polynucleotides (particularly a selected set of differentially expressed polynucleotides), acquiring the hybridization data from the array, and storing the data in a format that allows for ready  
15 comparison of the REP with a TEP. Alternatively, all expressed sequences in a control sample can be isolated and sequenced, *e.g.*, by isolating mRNA from a control sample, converting the mRNA into cDNA, and sequencing the cDNA. The resulting sequence information roughly or precisely reflects the identity and relative number of expressed sequences in the sample. The sequence information can then be stored in a format (*e.g.*, a computer-readable format) that allows for ready  
20 comparison of the REP with a TEP. The REP can be normalized prior to or after data storage, and/or can be processed to selectively remove sequences of expressed genes that are of less interest or that might complicate analysis (*e.g.*, some or all of the sequences associated with housekeeping genes can be eliminated from REP data).

TEPs can be generated in a manner similar to REPs, *e.g.*, by hybridizing a test sample to an  
25 array having a selected set of polynucleotides, particularly a selected set of differentially expressed polynucleotides, acquiring the hybridization data from the array, and storing the data in a format that allows for ready comparison of the TEP with a REP. The REP and TEP to be used in a comparison can be generated simultaneously, or the TEP can be compared to previously generated and stored REPs.

30 In one embodiment of the invention, comparison of a TEP with a REP involves hybridizing a test sample with a reference array, where the reference array has one or more reference sequences for use in hybridization with a sample. The reference sequences include all, at least one of, or any subset of the differentially expressed polynucleotides described herein. Hybridization data for the test sample is acquired, the data normalized, and the produced TEP compared with a REP generated  
35 using an array having the same or similar selected set of differentially expressed polynucleotides.

Probes that correspond to sequences differentially expressed between the two samples will show decreased or increased hybridization efficiency for one of the samples relative to the other.

Methods for collection of data from hybridization of samples with a reference arrays are well known in the art. For example, the polynucleotides of the reference and test samples can be generated using a detectable fluorescent label, and hybridization of the polynucleotides in the samples detected by scanning the microarrays for the presence of the detectable label using, for example, a microscope and light source for directing light at a substrate. A photon counter detects fluorescence from the substrate, while an x-y translation stage varies the location of the substrate. A confocal detection device that can be used in the subject methods is described in USPN 5,631,734. A scanning laser microscope is described in Shalon et al., *Genome Res.* (1996) 6:639. A scan, using the appropriate excitation line, is performed for each fluorophore used. The digital images generated from the scan are then combined for subsequent analysis. For any particular array element, the ratio of the fluorescent signal from one sample (e.g., a test sample) is compared to the fluorescent signal from another sample (e.g., a reference sample), and the relative signal intensity determined.

Methods for analyzing the data collected from hybridization to arrays are well known in the art. For example, where detection of hybridization involves a fluorescent label, data analysis can include the steps of determining fluorescent intensity as a function of substrate position from the data collected, removing outliers, i.e. data deviating from a predetermined statistical distribution, and calculating the relative binding affinity of the targets from the remaining data. The resulting data can be displayed as an image with the intensity in each region varying according to the binding affinity between targets and probes.

In general, the test sample is classified as having a gene expression profile corresponding to that associated with a disease or non-disease state by comparing the TEP generated from the test sample to one or more REPs generated from reference samples (e.g., from samples associated with cancer or specific stages of cancer, dysplasia, samples affected by a disease other than cancer, normal samples, etc.). The criteria for a match or a substantial match between a TEP and a REP include expression of the same or substantially the same set of reference genes, as well as expression of these reference genes at substantially the same levels (e.g., no significant difference between the samples for a signal associated with a selected reference sequence after normalization of the samples, or at least no greater than about 25% to about 40% difference in signal strength for a given reference sequence. In general, a pattern match between a TEP and a REP includes a match in expression, preferably a match in qualitative or quantitative expression level, of at least one of, all or any subset of the differentially expressed genes of the invention.

Pattern matching can be performed manually, or can be performed using a computer program. Methods for preparation of substrate matrices (e.g., arrays), design of oligonucleotides for use with such matrices, labeling of probes, hybridization conditions, scanning of hybridized matrices, and analysis of patterns generated, including comparison analysis, are described in, for example, U.S. 5,800,992.

#### Diagnosis, Prognosis and Management of Cancer

The polynucleotides of the invention and their gene products are of particular interest as genetic or biochemical markers (e.g., in blood or tissues) that will detect the earliest changes along the carcinogenesis pathway and/or to monitor the efficacy of various therapies and preventive interventions. For example, the level of expression of certain polynucleotides can be indicative of a poorer prognosis, and therefore warrant more aggressive chemo- or radio-therapy for a patient or vice versa. The correlation of novel surrogate tumor specific features with response to treatment and outcome in patients can define prognostic indicators that allow the design of tailored therapy based on the molecular profile of the tumor. These therapies include antibody targeting and gene therapy. Determining expression of certain polynucleotides and comparison of a patient's profile with known expression in normal tissue and variants of the disease allows a determination of the best possible treatment for a patient, both in terms of specificity of treatment and in terms of comfort level of the patient. Surrogate tumor markers, such as polynucleotide expression, can also be used to better classify, and thus diagnose and treat, different forms and disease states of cancer. Two classifications widely used in oncology that can benefit from identification of the expression levels of the polynucleotides of the invention are staging of the cancerous disorder, and grading the nature of the cancerous tissue.

The polynucleotides of the invention can be useful to monitor patients having or susceptible to cancer to detect potentially malignant events at a molecular level before they are detectable at a gross morphological level. Furthermore, a polynucleotide of the invention identified as important for one type of cancer can also have implications for development or risk of development of other types of cancer, e.g., where a polynucleotide is differentially expressed across various cancer types. Thus, for example, expression of a polynucleotide that has clinical implications for metastatic colon cancer can also have clinical implications for stomach cancer or endometrial cancer.

Staging. Staging is a process used by physicians to describe how advanced the cancerous state is in a patient. Staging assists the physician in determining a prognosis, planning treatment and evaluating the results of such treatment. Staging systems vary with the types of cancer, but generally involve the following "TNM" system: the type of tumor, indicated by T; whether the cancer has metastasized to nearby lymph nodes, indicated by N; and whether the cancer has metastasized to more distant parts of the body, indicated by M. Generally, if a cancer is only detectable in the area

of the primary lesion without having spread to any lymph nodes it is called Stage I. If it has spread only to the closest lymph nodes, it is called Stage II. In Stage III, the cancer has generally spread to the lymph nodes in near proximity to the site of the primary lesion. Cancers that have spread to a distant part of the body, such as the liver, bone, brain or other site, are Stage IV, the most advanced stage.

The polynucleotides of the invention can facilitate fine-tuning of the staging process by identifying markers for the aggressivity of a cancer, *e.g.* the metastatic potential, as well as the presence in different areas of the body. Thus, a Stage II cancer with a polynucleotide signifying a high metastatic potential cancer can be used to change a borderline Stage II tumor to a Stage III tumor, justifying more aggressive therapy. Conversely, the presence of a polynucleotide signifying a lower metastatic potential allows more conservative staging of a tumor.

Grading of cancers. Grade is a term used to describe how closely a tumor resembles normal tissue of its same type. The microscopic appearance of a tumor is used to identify tumor grade based on parameters such as cell morphology, cellular organization, and other markers of differentiation. As a general rule, the grade of a tumor corresponds to its rate of growth or aggressiveness, with undifferentiated or high-grade tumors being more aggressive than well differentiated or low-grade tumors. The following guidelines are generally used for grading tumors: 1) GX Grade cannot be assessed; 2) G1 Well differentiated; G2 Moderately well differentiated; 3) G3 Poorly differentiated; 4) G4 Undifferentiated. The polynucleotides of the invention can be especially valuable in determining the grade of the tumor, as they not only can aid in determining the differentiation status of the cells of a tumor, they can also identify factors other than differentiation that are valuable in determining the aggressiveness of a tumor, such as metastatic potential.

Detection of lung cancer. The polynucleotides of the invention can be used to detect lung cancer in a subject. Although there are more than a dozen different kinds of lung cancer, the two main types of lung cancer are small cell and nonsmall cell, which encompass about 90% of all lung cancer cases. Small cell carcinoma (also called oat cell carcinoma) usually starts in one of the larger bronchial tubes, grows fairly rapidly, and is likely to be large by the time of diagnosis. Nonsmall cell lung cancer (NSCLC) is made up of three general subtypes of lung cancer. Epidermoid carcinoma (also called squamous cell carcinoma) usually starts in one of the larger bronchial tubes and grows relatively slowly. The size of these tumors can range from very small to quite large. Adenocarcinoma starts growing near the outside surface of the lung and can vary in both size and growth rate. Some slowly growing adenocarcinomas are described as alveolar cell cancer. Large cell carcinoma starts near the surface of the lung, grows rapidly, and the growth is usually fairly large when diagnosed. Other less common forms of lung cancer are carcinoid, cylindroma, mucoepidermoid, and malignant mesothelioma.

The polynucleotides of the invention, e.g., polynucleotides differentially expressed in normal cells versus cancerous lung cells (e.g., tumor cells of high or low metastatic potential) or between types of cancerous lung cells (e.g., high metastatic versus low metastatic), can be used to distinguish types of lung cancer as well as identifying traits specific to a certain patient's cancer and selecting an appropriate therapy. For example, if the patient's biopsy expresses a polynucleotide that is associated with a low metastatic potential, it may justify leaving a larger portion of the patient's lung in surgery to remove the lesion. Alternatively, a smaller lesion with expression of a polynucleotide that is associated with high metastatic potential may justify a more radical removal of lung tissue and/or the surrounding lymph nodes, even if no metastasis can be identified through pathological examination.

Detection of breast cancer. The majority of breast cancers are adenocarcinomas subtypes, which can be summarized as follows: 1) ductal carcinoma in situ (DCIS), including comedocarcinoma; 2) infiltrating (or invasive) ductal carcinoma (IDC); 3) lobular carcinoma in situ (LCIS); 4) infiltrating (or invasive) lobular carcinoma (ILC); 5) inflammatory breast cancer; 6) medullary carcinoma; 7) mucinous carcinoma; 8) Paget's disease of the nipple; 9) Phyllodes tumor; and 10) tubular carcinoma;

The expression of polynucleotides of the invention can be used in the diagnosis and management of breast cancer, as well as to distinguish between types of breast cancer. Detection of breast cancer can be determined using expression levels of any of the appropriate polynucleotides of the invention, either alone or in combination. Determination of the aggressive nature and/or the metastatic potential of a breast cancer can also be determined by comparing levels of one or more polynucleotides of the invention and comparing levels of another sequence known to vary in cancerous tissue, e.g. ER expression. In addition, development of breast cancer can be detected by examining the ratio of expression of a differentially expressed polynucleotide to the levels of steroid hormones (e.g., testosterone or estrogen) or to other hormones (e.g., growth hormone, insulin). Thus expression of specific marker polynucleotides can be used to discriminate between normal and cancerous breast tissue, to discriminate between breast cancers with different cells of origin, to discriminate between breast cancers with different potential metastatic rates, etc.

Detection of colon cancer. The polynucleotides of the invention exhibiting the appropriate expression pattern can be used to detect colon cancer in a subject. Colorectal cancer is one of the most common neoplasms in humans and perhaps the most frequent form of hereditary neoplasia. Prevention and early detection are key factors in controlling and curing colorectal cancer. Colorectal cancer begins as polyps, which are small, benign growths of cells that form on the inner lining of the colon. Over a period of several years, some of these polyps accumulate additional mutations and become cancerous. Multiple familial colorectal cancer disorders have been identified.

which are summarized as follows: 1) Familial adenomatous polyposis (FAP); 2) Gardner's syndrome; 3) Hereditary nonpolyposis colon cancer (HNPCC); and 4) Familial colorectal cancer in Ashkenazi Jews. The expression of appropriate polynucleotides of the invention can be used in the diagnosis, prognosis and management of colorectal cancer. Detection of colon cancer can be  
5 determined using expression levels of any of these sequences alone or in combination with the levels of expression. Determination of the aggressive nature and/or the metastatic potential of a colon cancer can be determined by comparing levels of one or more polynucleotides of the invention and comparing total levels of another sequence known to vary in cancerous tissue. *e.g.*, expression of p53, DCC ras. for FAP (see. *e.g.*, Fearon ER, *et al.*, *Cell* (1990) 61(5):759; Hamilton SR *et al.*,  
10 *Cancer* (1993) 72:957; Bodmer W, *et al.*, *Nat Genet.* (1994) 4(3):217; Fearon ER. *Ann N Y Acad Sci.* (1995) 768:101). For example, development of colon cancer can be detected by examining the ratio of any of the polynucleotides of the invention to the levels of oncogenes (*e.g.* ras) or tumor suppressor genes (*e.g.* FAP or p53). Thus expression of specific marker polynucleotides can be used to discriminate between normal and cancerous colon tissue, to discriminate between colon cancers  
15 with different cells of origin, to discriminate between colon cancers with different potential metastatic rates, etc.

#### Use of Polynucleotides to Screen for Peptide Analogs and Antagonists

Polypeptides encoded by the instant polynucleotides and corresponding full length genes can be used to screen peptide libraries to identify binding partners, such as receptors, from among  
20 the encoded polypeptides. Peptide libraries can be synthesized according to methods known in the art (see, *e.g.*, USPN 5,010,175, and WO 91/17823). Agonists or antagonists of the polypeptides if the invention can be screened using any available method known in the art, such as signal transduction, antibody binding, receptor binding, mitogenic assays, chemotaxis assays, etc. The assay conditions ideally should resemble the conditions under which the native activity is exhibited  
25 *in vivo*, that is, under physiologic pH, temperature, and ionic strength. Suitable agonists or antagonists will exhibit strong inhibition or enhancement of the native activity at concentrations that do not cause toxic side effects in the subject. Agonists or antagonists that compete for binding to the native polypeptide can require concentrations equal to or greater than the native concentration, while inhibitors capable of binding irreversibly to the polypeptide can be added in concentrations on the  
30 order of the native concentration.

Such screening and experimentation can lead to identification of a novel polypeptide binding partner, such as a receptor, encoded by a gene or a cDNA corresponding to a polynucleotide of the invention, and at least one peptide agonist or antagonist of the novel binding partner. Such agonists and antagonists can be used to modulate, enhance, or inhibit receptor function in cells to  
35 which the receptor is native, or in cells that possess the receptor as a result of genetic engineering.

Further, if the novel receptor shares biologically important characteristics with a known receptor, information about agonist/antagonist binding can facilitate development of improved agonists/antagonists of the known receptor.

#### Pharmaceutical Compositions and Therapeutic Uses

5        Pharmaceutical compositions of the invention can comprise polypeptides, antibodies, or polynucleotides (including antisense nucleotides and ribozymes) of the claimed invention in a therapeutically effective amount. The term "therapeutically effective amount" as used herein refers to an amount of a therapeutic agent to treat, ameliorate, or prevent a desired disease or condition, or to exhibit a detectable therapeutic or preventative effect. The effect can be detected by, for example, 10 chemical markers or antigen levels. Therapeutic effects also include reduction in physical symptoms, such as decreased body temperature. The precise effective amount for a subject will depend upon the subject's size and health, the nature and extent of the condition, and the therapeutics or combination of therapeutics selected for administration. Thus, it is not useful to specify an exact effective amount in advance. However, the effective amount for a given situation is determined by 15 routine experimentation and is within the judgment of the clinician. For purposes of the present invention, an effective dose will generally be from about 0.01 mg/kg to 50 mg/kg or 0.05 mg/kg to about 10 mg/kg of the DNA constructs in the individual to which it is administered.

A pharmaceutical composition can also contain a pharmaceutically acceptable carrier. The term "pharmaceutically acceptable carrier" refers to a carrier for administration of a therapeutic 20 agent, such as antibodies or a polypeptide, genes, and other therapeutic agents. The term refers to any pharmaceutical carrier that does not itself induce the production of antibodies harmful to the individual receiving the composition, and which can be administered without undue toxicity. Suitable carriers can be large, slowly metabolized macromolecules such as proteins, polysaccharides, polylactic acids, polyglycolic acids, polymeric amino acids, amino acid 25 copolymers, and inactive virus particles. Such carriers are well known to those of ordinary skill in the art. Pharmaceutically acceptable carriers in therapeutic compositions can include liquids such as water, saline, glycerol and ethanol. Auxiliary substances, such as wetting or emulsifying agents, pH buffering substances, and the like, can also be present in such vehicles. Typically, the therapeutic compositions are prepared as injectables, either as liquid solutions or suspensions; solid forms 30 suitable for solution in, or suspension in, liquid vehicles prior to injection can also be prepared. Liposomes are included within the definition of a pharmaceutically acceptable carrier. Pharmaceutically acceptable salts can also be present in the pharmaceutical composition, e.g., mineral acid salts such as hydrochlorides, hydrobromides, phosphates, sulfates, and the like; and the salts of organic acids such as acetates, propionates, malonates, benzoates, and the like. A thorough



discussion of pharmaceutically acceptable excipients is available in *Remington's Pharmaceutical Sciences* (Mack Pub. Co., N.J. 1991).

Delivery Methods. Once formulated, the compositions of the invention can be (1) administered directly to the subject (e.g., as polynucleotide or polypeptides); or (2) delivered ex vivo, to cells derived from the subject (e.g., as in *ex vivo* gene therapy). Direct delivery of the compositions will generally be accomplished by parenteral injection, e.g., subcutaneously, intraperitoneally, intravenously or intramuscularly, intratumoral or to the interstitial space of a tissue. Other modes of administration include oral and pulmonary administration, suppositories, and transdermal applications, needles, and gene guns or hyposprays. Dosage treatment can be a single dose schedule or a multiple dose schedule.

Methods for the *ex vivo* delivery and reimplantation of transformed cells into a subject are known in the art and described in e.g., International Publication No. WO 93/14778. Examples of cells useful in *ex vivo* applications include, for example, stem cells, particularly hematopoietic, lymph cells, macrophages, dendritic cells, or tumor cells. Generally, delivery of nucleic acids for both *ex vivo* and *in vitro* applications can be accomplished by, for example, dextran-mediated transfection, calcium phosphate precipitation, polybrene mediated transfection, protoplast fusion, electroporation, encapsulation of the polynucleotide(s) in liposomes, and direct microinjection of the DNA into nuclei, all well known in the art.

Once a gene corresponding to a polynucleotide of the invention has been found to correlate with a proliferative disorder, such as neoplasia, dysplasia, and hyperplasia, the disorder can be amenable to treatment by administration of a therapeutic agent based on the provided polynucleotide, corresponding polypeptide or other corresponding molecule (e.g., antisense, ribozyme, etc.).

The dose and the means of administration of the inventive pharmaceutical compositions are determined based on the specific qualities of the therapeutic composition, the condition, age, and weight of the patient, the progression of the disease, and other relevant factors. For example, administration of polynucleotide therapeutic compositions agents of the invention includes local or systemic administration, including injection, oral administration, particle gun or catheterized administration, and topical administration. Preferably, the therapeutic polynucleotide composition contains an expression construct comprising a promoter operably linked to a polynucleotide of at least 12, 22, 25, 30, or 35 contiguous nt of the polynucleotide disclosed herein. Various methods can be used to administer the therapeutic composition directly to a specific site in the body. For example, a small metastatic lesion is located and the therapeutic composition injected several times in several different locations within the body of tumor. Alternatively, arteries which serve a tumor are identified, and the therapeutic composition injected into such an artery, in order to deliver the

composition directly into the tumor. A tumor that has a necrotic center is aspirated and the composition injected directly into the now empty center of the tumor. The antisense composition is directly administered to the surface of the tumor, for example, by topical application of the composition. X-ray imaging is used to assist in certain of the above delivery methods.

5 Receptor-mediated targeted delivery of therapeutic compositions containing an antisense polynucleotide, subgenomic polynucleotides, or antibodies to specific tissues can also be used. Receptor-mediated DNA delivery techniques are described in, for example, Findeis *et al.*, *Trends Biotechnol.* (1993) 11:202; Chiou *et al.*, *Gene Therapeutics: Methods And Applications Of Direct Gene Transfer* (J.A. Wolff, ed.) (1994); Wu *et al.*, *J. Biol. Chem.* (1988) 263:621; Wu *et al.*, *J. Biol. Chem.* (1994) 269:542; Zenke *et al.*, *Proc. Natl. Acad. Sci. (USA)* (1990) 87:3655; Wu *et al.*, *J. Biol. Chem.* (1991) 266:338. Therapeutic compositions containing a polynucleotide are administered in a range of about 100 ng to about 200 mg of DNA for local administration in a gene therapy protocol. Concentration ranges of about 500 ng to about 50 mg, about 1 g to about 2 mg, about 5 g to about 500 g, and about 20 g to about 100 g of DNA can also be used during a gene therapy protocol. Factors such as method of action (e.g., for enhancing or inhibiting levels of the encoded gene product) and efficacy of transformation and expression are considerations which will affect the dosage required for ultimate efficacy of the antisense subgenomic polynucleotides. Where greater expression is desired over a larger area of tissue, larger amounts of antisense subgenomic polynucleotides or the same amounts readministered in a successive protocol of administrations, or several administrations to different adjacent or close tissue portions of, for example, a tumor site, may be required to effect a positive therapeutic outcome. In all cases, routine experimentation in clinical trials will determine specific ranges for optimal therapeutic effect. For polynucleotide-related genes encoding polypeptides or proteins with anti-inflammatory activity, suitable use, doses, and administration are described in USPN 5,654,173.

25 The therapeutic polynucleotides and polypeptides of the present invention can be delivered using gene delivery vehicles. The gene delivery vehicle can be of viral or non-viral origin (see generally, Jolly, *Cancer Gene Therapy* (1994) 1:51; Kimura, *Human Gene Therapy* (1994) 5:845; Connelly, *Human Gene Therapy* (1995) 1:185; and Kaplitt, *Nature Genetics* (1994) 6:148). Expression of such coding sequences can be induced using endogenous mammalian or heterologous promoters. Expression of the coding sequence can be either constitutive or regulated.

30 Viral-based vectors for delivery of a desired polynucleotide and expression in a desired cell are well known in the art. Exemplary viral-based vehicles include, but are not limited to, recombinant retroviruses (see, e.g., WO 90/07936; WO 94/03622; WO 93/25698; WO 93/25234; USPN 5,219,740; WO 93/11230; WO 93/10218; USPN 4,777,127; GB Patent No. 2,200,651; EP 0 345 242; and WO 91/02805), alphavirus-based vectors (e.g., Sindbis virus vectors, Semliki forest

virus (ATCC VR-67: ATCC VR-1247). Ross River virus (ATCC VR-373: ATCC VR-1246) and Venezuelan equine encephalitis virus (ATCC VR-923: ATCC VR-1250: ATCC VR 1249: ATCC VR-532). and adeno-associated virus (AAV) vectors (see, e.g., WO 94/12649. WO 93/03769; WO 93/19191: WO 94/28938: WO 95/11984 and WO 95/00655). Administration of DNA linked to  
 5 killed adenovirus as described in Curiel, *Hum. Gene Ther.* (1992) 3:147 can also be employed.

Non-viral delivery vehicles and methods can also be employed, including, but not limited to, polycationic condensed DNA linked or unlinked to killed adenovirus alone (see, e.g., Curiel, *Hum. Gene Ther.* (1992) 3:147); ligand-linked DNA(see, e.g., Wu, *J. Biol. Chem.* (1989) 264:16985); eukaryotic cell delivery vehicles cells (see, e.g., USPN 5,814,482: WO 95/07994: WO 96/17072;  
 10 WO 95/30763: and WO 97/42338) and nucleic charge neutralization or fusion with cell membranes. Naked DNA can also be employed. Exemplary naked DNA introduction methods are described in WO 90/11092 and USPN 5,580,859. Liposomes that can act as gene delivery vehicles are described in USPN 5,422,120: WO 95/13796: WO 94/23697; WO 91/14445: and EP 0524968. Additional approaches are described in Philip, *Mol. Cell Biol.* (1994) 14:2411, and in Woffendin, *Proc. Natl.*  
 15 *Acad. Sci.* (1994) 91:1581

Further non-viral delivery suitable for use includes mechanical delivery systems such as the approach described in Woffendin *et al.*, *Proc. Natl. Acad. Sci. USA* (1994) 91(24):11581. Moreover, the coding sequence and the product of expression of such can be delivered through deposition of photopolymerized hydrogel materials or use of ionizing radiation (see, e.g., USPN 5,206,152 and  
 20 WO 92/11033). Other conventional methods for gene delivery that can be used for delivery of the coding sequence include, for example, use of hand-held gene transfer particle gun (see, e.g., USPN 5,149,655); use of ionizing radiation for activating transferred gene (see, e.g., USPN 5,206,152 and WO 92/11033).

The present invention will now be illustrated by reference to the following examples which  
 25 set forth particularly advantageous embodiments. However, it should be noted that these embodiments are illustrative and are not to be construed as restricting the invention in any way.

## EXAMPLES

Example 1: Source of Biological Materials and Overview of Novel Polynucleotides Expressed  
 30 by the Biological Materials

cDNA libraries were constructed from either human colon cancer cell line Km12L4-A (Morikawa, et al., *Cancer Research* (1988) 48:6863), KM12C (Morikawa et al. *Cancer Res.* (1988) 48:1943-1948), or MDA-MB-231 (Brinkley et al. *Cancer Res.* (1980) 40:3118-3129) was used to construct a cDNA library from mRNA isolated from the cells. Sequences expressed by these cell  
 35 lines were isolated and analyzed; most sequences were about 275-300 nucleotides in length. The

KM12L4-A cell line is derived from the KM12C cell line. The KM12C cell line, which is poorly metastatic (low metastatic) was established in culture from a Dukes' stage B<sub>2</sub> surgical specimen (Morikawa *et al. Cancer Res.* (1988) 48:6863). The KML4-A is a highly metastatic subline derived from KM12C (Yeatman *et al. Nucl. Acids. Res.* (1995) 23:4007; Bao-Ling *et al. Proc. Annu. Meet. Am. Assoc. Cancer. Res.* (1995) 21:3269). The KM12C and KM12C-derived cell lines (e.g., KM12L4, KM12L4-A, etc.) are well-recognized in the art as a model cell line for the study of colon cancer (see, e.g., Moriakawa *et al. supra*; Radinsky *et al. Clin. Cancer Res.* (1995) 1:19; Yeatman *et al.*, (1995) *supra*; Yeatman *et al. Clin. Exp. Metastasis* (1996) 14:246). The MDA-MB-231 cell line was originally isolated from pleural effusions (Cailleau, *J. Natl. Cancer. Inst.* (1974) 53:661), is of high metastatic potential, and forms poorly differentiated adenocarcinoma grade II in nude mice consistent with breast carcinoma.

The sequences of the isolated polynucleotides were first masked to eliminate low complexity sequences using the XBLAST masking program (Claverie "Effective Large-Scale Sequence Similarity Searches." In: Computer Methods for Macromolecular Sequence Analysis, Doolittle, ed., *Meth. Enzymol.* 266:212-227 Academic Press, NY, NY (1996); see particularly Claverie, in "Automated DNA Sequencing and Analysis Techniques" Adams *et al.* eds., Chap. 36, p. 267 Academic Press, San Diego, 1994 and Claverie *et al. Comput. Chem.* (1993) 17:191 ). Generally, masking does not influence the final search results, except to eliminate sequences of relative little interest due to their low complexity, and to eliminate multiple "hits" based on similarity to repetitive regions common to multiple sequences, e.g., Alu repeats. Masking resulted in the elimination of 43 sequences. The remaining sequences were then used in a BLASTN vs. GenBank search; sequences that exhibited greater than 70% overlap, 99% identity, and a p value of less than  $1 \times 10^{-40}$  were discarded. Sequences from this search also were discarded if the inclusive parameters were met, but the sequence was ribosomal or vector-derived.

The resulting sequences from the previous search were classified into three groups (1, 2 and 3 below) and searched in a BLASTX vs. NRP (non-redundant proteins) database search: (1) unknown (no hits in the GenBank search), (2) weak similarity (greater than 45% identity and p value of less than  $1 \times 10^{-5}$ ), and (3) high similarity (greater than 60% overlap, greater than 80% identity, and p value less than  $1 \times 10^{-5}$ ). Sequences having greater than 70% overlap, greater than 99% identity, and p value of less than  $1 \times 10^{-40}$  were discarded.

The remaining sequences were classified as unknown (no hits), weak similarity, and high similarity (parameters as above). Two searches were performed on these sequences. First, a BLAST vs. EST database search was performed and sequences with greater than 99% overlap,

greater than 99% similarity and a p value of less than  $1 \times 10^{-40}$  were discarded. Sequences with a p value of less than  $1 \times 10^{-65}$  when compared to a database sequence of human origin were also excluded. Second, a BLASTN vs. Patent GeneSeq database was performed and sequences having greater than 99% identity, p value less than  $1 \times 10^{-40}$ , and greater than 99% overlap were discarded.

5       The remaining sequences were subjected to screening using other rules and redundancies in the dataset. Sequences with a p value of less than  $1 \times 10^{-111}$  in relation to a database sequence of human origin were specifically excluded. The final result provided the 1,565 sequences listed as SEQ ID NOS:1-1565 in the accompanying Sequence Listing and summarized in Table 1A (inserted prior to claims). Each identified polynucleotide represents sequence from at least a partial mRNA  
10       transcript.

Table 1A provides: 1) the SEQ ID NO assigned to each sequence for use in the present specification; 2) the filing date of the U.S. priority application in which the sequence was first filed; 3) the attorney docket number assigned to the priority application (for internal use); 4) the SEQ ID NO assigned to the sequence in the priority application; 5) the sequence name used as an internal  
15       identifier of the sequence; and 6) the name assigned to the clone from which the sequence was isolated. Because the provided polynucleotides represent partial mRNA transcripts, two or more polynucleotides of the invention may represent different regions of the same mRNA transcript and the same gene. Thus, if two or more SEQ ID NOS: are identified as belonging to the same clone, then either sequence can be used to obtain the full-length mRNA or gene.

20       In order to confirm the sequences of SEQ ID NOS:1-1565, the clones were retrieved from a library using a robotic retrieval system, and the inserts of the retrieved clones re-sequenced. These "validation" sequences are provided as SEQ ID NOS:1566-2610 in the Sequence Listing, and a summary of the "validation" sequences provided in Table 1B (inserted prior to claims). Table 1B provides: 1) the SEQ ID NO assigned to each sequence for use in the present specification; 2) the  
25       sequence name assigned to the "validation" sequence obtained; 3) whether the "validation" sequence contains sequence that overlaps with an original sequence of SEQ ID NOS:1-1565 (Validation Overlap (VO)), or whether the "validation" sequence does not substantially overlap with an original sequence of SEQ ID NOS:1-1565 (indicated by Validation Non-Overlap (VNO)); and  
30       4) where the sequence is indicated as VO, the name of the clone that contains the indicated "validation" sequence. "Validation" sequences are indicated as "VO" where the "validation" sequence overlaps with an original sequence (e.g., one of SEQ ID NOS:1-1565), and/or the "validation" sequence belongs to the same cluster as the original sequence using the clustering technique described above. Because the inserts of the clones are generally longer than the original

sequence and the validation sequence. it is possible that a "validation" sequence can be obtained from the same clone as an original sequence but yet not share any of the sequence of the original. Such validation sequences will, however, belong to the same cluster as the original sequence using the clustering technique described above. VO "validation" sequences are contained within the same clone as the original sequence (one of SEQ ID NOS:1-1565). "Validation" sequences that provided overlapping sequence are indicating by "VO" can be correlated with the original sequences they validate by referring to Table 1A. Sequences indicated as VNO are treated as newly isolated sequences and may or may not be related to the sequences of SEQ ID NOS:1-1565. Because the "validation" sequences are often longer than the original polynucleotide sequences and thus provide additional sequence information. All validation sequences can be obtained either from an indicated clone (e.g., for VO sequences) or from a cDNA library described herein (e.g., using primers designed from the sequence provided in the sequence listing).

Example 2: Results of Public Database Search to Identify Function of Gene Products

SEQ ID NOS:1566-2610 were translated in all three reading frames, and the nucleotide sequences and translated amino acid sequences used as query sequences to search for homologous sequences in either the GenBank (nucleotide sequences) or Non-Redundant Protein (amino acid sequences) databases. Query and individual sequences were aligned using the BLAST 2.0 programs, available over the world wide web at <http://www.ncbi.nlm.nih.gov/BLAST/>. (see also Altschul, et al. *Nucleic Acids Res.* (1997) 25:3389-3402). The sequences were masked to various extents to prevent searching of repetitive sequences or poly-A sequences, using the XBLAST program for masking low complexity as described above in Example 1.

Tables 2A and 2B (inserted before the claims) provide the alignment summaries having a p value of  $1 \times 10^{-2}$  or less indicating substantial homology between the sequences of the present invention and those of the indicated public databases. Table 2A provides the SEQ ID NO of the query sequence, the accession number of the GenBank database entry of the homologous sequence, and the p value of the alignment. Table 2A provides the SEQ ID NO of the query sequence, the accession number of the Non-Redundant Protein database entry of the homologous sequence, and the p value of the alignment. The alignments provided in Tables 2A and 2B are the best available alignment to a DNA or amino acid sequence at a time just prior to filing of the present specification. The activity of the polypeptide encoded by the SEQ ID NOS listed in Tables 2A and 2B can be extrapolated to be substantially the same or substantially similar to the activity of the reported nearest neighbor or closely related sequence. The accession number of the nearest neighbor is reported, providing a publicly available reference to the activities and functions exhibited by the

nearest neighbor. The public information regarding the activities and functions of each of the nearest neighbor sequences is incorporated by reference in this application. Also incorporated by reference is all publicly available information regarding the sequence, as well as the putative and actual activities and functions of the nearest neighbor sequences listed in Table 2 and their related sequences. The search program and database used for the alignment, as well as the calculation of the p value are also indicated.

Full length sequences or fragments of the polynucleotide sequences of the nearest neighbors can be used as probes and primers to identify and isolate the full length sequence of the corresponding polynucleotide. The nearest neighbors can indicate a tissue or cell type to be used to construct a library for the full-length sequences of the corresponding polynucleotides.

### Example 3: Members of Protein Families

SEQ ID NOS:1566-2601 were used to conduct a profile search as described in the specification above. Several of the polynucleotides of the invention were found to encode polypeptides having characteristics of a polypeptide belonging to a known protein family (and thus represent new members of these protein families) and/or comprising a known functional domain (Table 3A, inserted prior to claims). Table 3A provides the SEQ ID NO: of the query sequence, a brief description of the profile hit, the position of the query sequence within the individual sequence (indicated as "start" and "stop"), and the orientation (Direction) of the query sequence with respect to the individual sequence, where forward (for) indicates that the alignment is in the same direction (left to right) as the sequence provided in the Sequence Listing and reverse (rev) indicates that the alignment is with a sequence complementary to the sequence provided in the Sequence Listing.

Some polynucleotides exhibited multiple profile hits where the query sequence contains overlapping profile regions, and/or where the sequence contains two different functional domains. Each of the profile hits of Table 3A are described in more detail below. The acronyms for the profiles (provided in parentheses) are those used to identify the profile in the Pfam and Prosite databases. The Pfam database can be accessed through any of the following URLs: <http://pfam.wustl.edu/index.html>; <http://www.sanger.ac.uk/Software/Pfam/>; and <http://www.cgr.ki.se/Pfam/>. The Prosite database can be accessed at <http://www.expasy.ch/prosite/>. The public information available on the Pfam and Prosite databases regarding the various profiles, including but not limited to the activities, function, and consensus sequences of various proteins families and protein domains, is incorporated herein by reference.

14-3-3 Family (14 3 3). SEQ ID NO:1967 corresponds to a sequence encoding a 14-3-3 protein family member. The 14-3-3 protein family includes a group of closely related acidic homodimeric proteins of about 30 kD first identified as very abundant in mammalian brain tissues

- and located preferentially in neurons (Aitken et al. *Trends Biochem. Sci.* (1995) 20:95-97; Morrison *Science* (1994) 266:56-57; and Xiao et al. *Nature* (1995) 376:188-191). The 14-3-3 proteins have multiple biological activities, including a key role in signal transduction pathways and the cell cycle. 14-3-3 proteins interact with kinases (e.g., PKC or Raf-1), and can also function as protein-kinase dependent activators of tyrosine and tryptophan hydroxylases. The 14-3-3 protein sequences are extremely well conserved, and include two highly conserved regions: the first is a peptide of 11 residues located in the N-terminal section; the second, a 20 amino acid region located in the C-terminal section. The consensus patterns are as follows: 1) R-N-L-[LIV]-S-[VG]-[GA]-Y-[KN]-N-[IVA]; 2) Y-K-[DE]-S-T-L-I-[IM]-Q-L-[LF]-[RHC]-D-N-[LF]-T-[LS]-W-[TAN]-[SAD].
- 10 3'5'-Cyclic Nucleotide Phosphodiesterases (PDEase). SEQ ID NO: 2366 represents a polynucleotide encoding a novel 3'5'-cyclic nucleotide phosphodiesterase. PDEases catalyze the hydrolysis of cAMP or cGMP to the corresponding nucleoside 5' monophosphates (Charbonneau et al. *Proc. Natl. Acad. Sci. U.S.A.* (1986) 83:9308). There are at least seven different subfamilies of PDEases (Beavo et al., *Trends Pharmacol. Sci.* (1990) 11:150; <http://weber.u.washington.edu/~pde/>:
- 15 1) Type 1, calmodulin/calcium-dependent PDEases; 2) Type 2, cGMP-stimulated PDEases; 3) Type 3, cGMP-inhibited PDEases; 4) Type 4, cAMP-specific PDEases; 5) Type 5, cGMP-specific PDEases; 6) Type 6, rhodopsin-sensitive cGMP-specific PDEases; and 7) Type 7, High affinity cAMP-specific PDEases. All PDEase forms share a conserved domain of about 270 residues. The signature pattern is determined from a stretch of 12 residues that contains two conserved histidines:
- 20 H-D-[LIVMFY]-x-H-x-[AG]-x(2)-[NQ]-x-[LIVMFY].
- Four Transmembrane Integral Membrane Proteins (tm4 family). SEQ ID NOS:1579 and 1978 sequences correspond to a sequence encoding a member of the four transmembrane segments integral membrane protein family (tm4 family). The tm4 family of proteins includes a number of evolutionarily-related eukaryotic cell surface antigens (Levy et al., *J. Biol. Chem.* (1991) 266:14597; Tomlinson et al., *Eur. J. Immunol.* (1993) 23:136; Barclay et al. *The leucocyte antigen* factbooks. (1993) Academic Press, London/San Diego). The tm4 family members are type III membrane proteins, which are integral membrane proteins containing an N-terminal membrane-anchoring domain that functions both as a translocation signal and as a membrane anchor. The family members also contain three additional transmembrane regions, at least seven conserved
- 30 cysteines residues, and are of approximately the same size (218 to 284 residues). The consensus pattern spans a conserved region including two cysteines located in a short cytoplasmic loop between two transmembrane domains: Consensus pattern: G-x(3)-[LIVMF]-x(2)-[GSA]-[LIVMF](2)-G-C-x-[GA]-[STA]-x(2)-[EG]-x(2)-[CWN]-[LIVM](2).
- Seven Transmembrane Integral Membrane Proteins -- Rhodopsin Family (7tm 1). SEQ ID NOS:1652, 1927, and 2068 correspond to a sequence encoding a member of the seven



- transmembrane (7tm) receptor rhodopsin family. G-protein coupled receptors of the (7tm) rhodopsin family include hormones, neurotransmitters, and light receptors that transduce extracellular signals by interaction with guanine nucleotide-binding (G) proteins (Strosberg *Eur. J. Biochem.* (1991) 196:1, Kerlavage *Curr. Opin. Struct. Biol.* (1991) 1:394, Probst, et al., *DNA Cell Biol.* (1992) 11:1, Savarese, et al., *Biochem. J.* (1992) 283:1, <http://www.gcrdb.uthscsa.edu/>, <http://swift.embl-heidelberg.de/7tm/>) The consensus pattern that contains the conserved triplet and that also spans the major part of the third transmembrane helix is used to detect this widespread family of proteins: [GSTALIVMFYWC]-[GSTANCPDE]-{EDPKRH}-x(2)-[LIVMNQGA]-x(2)-[LIVMFT]-[GSTANC]-[LIVMFYWSTAC]-[DENH]-R-[FYWCSH]-x(2)-[LIVM].
- 10        Seven Transmembrane Integral Membrane Proteins -- Secretin Family (7tm\_2). SEQ ID NOS:1598, 1719, 1911, 1927, 2068, and 2341 correspond to a sequence encoding a member of the seven transmembrane receptor (7tm) secretin family (Jueppner et al. *Science* (1991) 254:1024; Hamann et al. *Genomics* (1996) 32:144). The N-terminal extracellular domain of these receptors contains five conserved cysteines residues involved in disulfide bonds, with a consensus pattern in
- 15        the region that spans the first three cysteines. One of the most highly conserved regions spans the C-terminal part of the last transmembrane region and the beginning of the adjacent intracellular region and is used as a second signature pattern. The two consensus patterns are: 1) C-x(3)-[FYWLIV]-D-x(3,4)-C-[FW]-x(2)-[STAGV]-x(8,9)-C-[PF]; and 2) Q-G-[LMFCA]-[LIVMFT]-[LIV]-x-[LIVFST]-[LIF]-[VFYH]-C-[LFY]-x-N-x(2)-V
- 20        ATPases Associated with Various Cellular Activities (ATPases). Several of the polynucleotides of the invention correspond to a sequence that encodes a member of a family of ATPases Associated with diverse cellular Activities (AAA). The AAA protein family is composed of a large number of ATPases that share a conserved region of about 220 amino acids containing an ATP-binding site (Froehlich et al., *J. Cell Biol.* (1991) 114:443; Erdmann et al. *Cell* (1991) 64:499;
- 25        Peters et al., *EMBO J.* (1990) 9:1757; Kunau et al., *Biochimie* (1993) 75:209-224; Confalonieri et al., *BioEssays* (1995) 17:639; <http://yeamob.pci.chemie.uni-tuebingen.de/AAA/Description.html>). The AAA domain, which can be present in one or two copies, acts as an ATP-dependent protein clamp (Confalonieri et al. (1995) *BioEssays* 17:639) and contains a highly conserved region located in the central part of the domain. The consensus pattern is: [LIVMT]-x-[LIVMT]-[LIVMF]-x-
- 30        [GATMC]-[ST]-[NS]-x(4)-[LIVM]-D-x-A-[LIFA]-x-R.
- Basic Region Plus Leucine Zipper Transcription Factors (BZIP). SEQ ID NO:1623 represents a polynucleotide encoding a novel member of the family of basic region plus leucine zipper transcription factors. The bZIP superfamily (Hurst, *Protein Prof.* (1995) 2:105; and Ellenberger, *Curr. Opin. Struct. Biol.* (1994) 4:12) of eukaryotic DNA-binding transcription factors
- 35        encompasses proteins that contain a basic region mediating sequence-specific DNA-binding

followed by a leucine zipper required for dimerization. The consensus pattern for this protein family is: [KR]-x(1,3)-[RKSAQ]-N-x(2)-[SAQ](2)-x-[RKTAENQ]-x-R-x-[RK].

C2 domain (C2). SEQ ID NOS: 1715 and 2426 correspond to a sequence encoding a C2 domain, which is involved in calcium-dependent phospholipid binding (Davletov *J. Biol. Chem.* (1993) 268:26386-26390) or, in proteins that do not bind calcium, the domain may facilitate binding to inositol-1,3,4,5-tetraphosphate (Fukuda et al. *J. Biol. Chem.* (1994) 269:29206-29211; Sutton et al. *Cell* (1995) 80:929-938). The consensus sequence is: [ACG]-x(2)-L-x(2,3)-D-x(1,2)-[NGSTLIF]-[GTM]-x-[STAP]-D-[PA]-[FY].

Cysteine proteases (Cys-protease). SEQ ID NO:2238 represents a polynucleotide encoding a protein having a eukaryotic thiol (cysteine) protease active site. Cysteine proteases (Dufour *Biochimie* (1988) 70:1335) are a family of proteolytic enzymes that contain an active site cysteine. Catalysis proceeds through a thioester intermediate and is facilitated by a nearby histidine side chain: an asparagine completes the essential catalytic triad. The sequences around the three active site residues are well conserved and can be used as signature patterns: Q-x(3)-[GE]-x-C-[YW]-x(2)-[STAGC]-[STAGCV] (where C is the active site residue); 2) [LIVMGSTAN]-x-H-[GSACE]-[LIVM]-x-[LIVMAT](2)-G-x-[GSADNH] (where H is the active site residue); and 3) [FYCH]-[WI]-[LIVT]-x-[KRQAG]-N-[ST]-W-x(3)-[FYW]-G-x(2)-G-[LFYW]-[LIVMFYG]-x-[LIVMF] (where N is the active site residue).

DEAD and DEAH box families ATP-dependent helicases (Dead\_box\_helic). SEQ ID NOS:1630, 1865, and 2517 represent polynucleotides encoding a novel member of the DEAD and DEAH box families (Schmid et al., *Mol. Microbiol.* (1992) 6:283; Linder et al., *Nature* (1989) 337:121; Wassarman, et al., *Nature* (1991) 349:463). All members of these families are involved in ATP-dependent, nucleic-acid unwinding. All DEAD box family members share a number of conserved sequence motifs, some of which are specific to the DEAD family, with others shared by other ATP-binding proteins or by proteins belonging to the helicases 'superfamily' (Hodgman *Nature* (1988) 333:22 and *Nature* (1988) 333:578 (Errata); [http://www.expasy.ch/www/linder/HELICASES\\_TEXT.html](http://www.expasy.ch/www/linder/HELICASES_TEXT.html)). One of these motifs, called the 'D-E-A-D-box', represents a special version of the B motif of ATP-binding proteins. Proteins that have His instead of the second Asp and are 'D-E-A-H-box' proteins (Wassarman et al., *Nature* (1991) 349:463; Harosh, et al., *Nucleic Acids Res.* (1991) 19:6331; Koonin, et al., *J. Gen. Virol.* (1992) 73:989; [http://www.expasy.ch/www/linder/HELICASES\\_TEXT.html](http://www.expasy.ch/www/linder/HELICASES_TEXT.html)). The following signature patterns are used to identify member for both subfamilies: 1) [LIVMF](2)-D-E-A-D-[RKEN]-x-[LIVMFYGSTN]; and 2) [GSAH]-x-[LIVMF](3)-D-E-[ALIV]-H-[NECR].

Dual specificity phosphatase (DSPc). Dual specificity phosphatases (DSPs) are Ser/Thr and Tyr protein phosphatases that comprise a tertiary fold highly similar to that of tyrosine-specific

phosphatases, except for a "recognition" region connecting helix alpha1 to strand beta1. This tertiary fold may determine differences in substrate specific between VH-1 related dual specificity phosphatase (VHR), the protein tyrosine phosphatases (PTPs), and other DSPs. Phosphatases are important in the control of cell growth, proliferation, differentiation and transformation.

- 5        EF Hand (EFhand). SEQ ID NO:1595 corresponds to a polynucleotide encoding a member of the EF-hand protein family, a calcium binding domain shared by many calcium-binding proteins belonging to the same evolutionary family (Kawasaki *et al.*, *Protein. Prof.* (1995) 2:305-490). The domain is a twelve residue loop flanked on both sides by a twelve residue alpha-helical domain, with a calcium ion coordinated in a pentagonal bipyramidal configuration. The six residues involved in the binding are in positions 1, 3, 5, 7, 9 and 12; these residues are denoted by X, Y, Z, -Y, -X and -Z. 10        The invariant Glu or Asp at position 12 provides two oxygens for liganding Ca (bidentate ligand). The consensus pattern includes the complete EF-hand loop as well as the first residue which follows the loop and which seem to always be hydrophobic: D-x-[DNS]-{ILVFYW}-{DENSTG}-[DNQGHRK]-{GP}-{LIVMC}-{DENQSTAGC}-x(2)-[DE]-[LIVMFYW].

- 15        Eukaryotic Aspartyl Proteases (asp). Several of the polynucleotides of the invention correspond to a sequence encoding a novel eukaryotic aspartyl protease. Aspartyl proteases, known as acid proteases, (EC 3.4.23.-) are a widely distributed family of proteolytic enzymes (Foltmann., *Essays Biochem.* (1981) 17:52; Davies, *Annu. Rev. Biophys. Chem.* (1990) 19:189; Rao, *et al.*, *Biochemistry* (1991) 30:4663) known to exist in vertebrates, fungi, plants, retroviruses and some 20        plant viruses. Aspartate proteases of eukaryotes are monomeric enzymes which consist of two domains. Each domain contains an active site centered on a catalytic aspartyl residue. The consensus pattern to identify eukaryotic aspartyl protease is: [LIVMFGAC]-[LIVMTADN]-[LIVFSA]-D-[ST]-G-[STAV]-[STAPDENQ]- x-[LIVMFSTNC]-x-[LIVMFGTA], where D is the active site residue.

- 25        Fibronectin Type II collagen-binding domain (FntypeII). SEQ ID NO: 1968 corresponds to a polynucleotide encoding a polypeptide having a type II fibronectin collagen binding domain. Fibronectin is a plasma protein that binds cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. The major part of the sequence of fibronectin consists of the repetition of three types of domains, called type I, II, and III (Skorstengaard *et al.*, *Eur. J. Biochem.* (1986) 161:441). The type II domain, which is duplicated in fibronectin, is approximately forty 30        residues long, contains four conserved cysteines involved in disulfide bonds and is part of the collagen-binding region of fibronectin. The consensus pattern for identifying members of this family, which pattern spans this entire domain, is: C-x(2)-P-F-x-[FYWI]-x(7)-C-x(8,10)-W-C-x(4)-[DNSR]-[FYW]- x(3,5)-[FYW]-x-[FYWI]-C (where the four C's are involved in disulfide bonds).

- 35        G-Protein Alpha Subunit (G-alpha). SEQ ID NO: 1779 corresponds to a gene encoding a

member of the G-protein alpha subunit family. G-proteins are a family of membrane-associated proteins that couple extracellularly-activated integral-membrane receptors to intracellular effectors, such as ion channels and enzymes that vary the concentration of second messenger molecules. G-proteins are composed of 3 subunits (alpha, beta and gamma) which, in the resting state, associate as a trimer at the inner face of the plasma membrane. The alpha subunit, which binds GTP and exhibits GTPase activity, is about 350-400 amino acids in length with a molecular weight in the range of 40-45 kDa. Seventeen distinct types of alpha subunit have been identified in mammals, and fall into 4 main groups on the basis of both sequence similarity and function: alpha-s, alpha-q, alpha-i and alpha-12 (Simon *et al.*, *Science* (1993) 252:802). They are often N-terminally acylated, usually with myristate and/or palmitoylate, and these fatty acid modifications can be important for membrane association and high-affinity interactions with other proteins.

Helicases conserved C-terminal domain (helicase\_C). SEQ ID NOS: 1621 and 1652 represent polynucleotides encoding novel members of the DEAD/H helicase family. The DEAD and DEAH families are described above.

Helix-Loop-Helix (HLH) DNA Binding Domain (HLH). SEQ ID NO:2192 corresponds to a sequence encoding an HLH domain. The HLH domain, which normally spans about 40 to 50 amino acids, is present in a number of eukaryotic transcription factors. The HLH domain is formed of two amphipathic helices joined by a variable length linker region that forms a loop that mediates protein dimerization (Murre *et al.* *Cell* (1989) 56:777-783). Basic HLH proteins (bHLH), which have an extra basic region of about 15 amino acid residues adjacent the HLH domain and specifically bind to DNA, include two groups: class A (ubiquitous) and class B (tissue-specific). bHLH family members bind variations of the E-box motif (CANNTG). The homo- or heterodimerization mediated by the HLH domain is independent of, but necessary for DNA binding, as two basic regions are required for DNA binding activity. The HLH proteins lacking the basic domain function as negative regulators since they form heterodimers, but fail to bind DNA. Consensus pattern: [DENSTAP]-[KTR]-[LIVMAGSNT]-{FYWCPHKR}-[LIVMT]-[LIVM]-x(2)-[STAV]-[LIVMSTACKR]-x-[VMFYH]-[LIVMTA]-{P}-{P}-[LIVMRKHQ].

Kinase Domain of Tors. The TOR profile is directed towards a lipid kinase protein family. This family is composed of large proteins with a lipid and protein kinase domain and characterized through their sensitivity to rapamycin (an antifungal compound). TOR proteins are involved in signal transduction downstream of PI3 kinase and many other signals. TOR (also called FRAP, RAFT) plays a role in regulating protein synthesis and cell growth, and in yeast controls translation initiation and early G1 progression. See, *e.g.*, Barbet *et al.* *Mol Biol Cell.* (1996) 7(1):25-42; Helliwell *et al.* *Genetics* (1998) 148:99-112.

MAP kinase kinase (mkk). SEQ ID NOS: 1825, 1876, 2039, and 2526 represent members of

the MAP kinase kinase (mek) family. MAP kinases (MAPK) are involved in signal transduction and are important in cell cycle and cell growth controls. The MAP kinase kinases (MAPKK) are dual-specificity protein kinases which phosphorylate and activate MAP kinases. MAPKK homologues have been found in yeast, invertebrates, amphibians, and mammals. Moreover, the MAPKK/MAPK phosphorylation switch constitutes a basic module activated in distinct pathways in yeast and in vertebrates. MAPKKs are essential transducers through which signals must pass before reaching the nucleus. For review, see, e.g., *Biological Cell* (1993) 79:193-207; Nishida *et al.*, *Trends Biochem Sci* (1993) 18:128-31; Ruderman *Curr Opin Cell Biol* (1993) 5:207-13; Dhanasekaran *et al.*, *Oncogene* (1998) 17:1447-55; Kiefer *et al.*, *Biochem Soc Trans* (1997) 25:491-44.

Neurotransmitter-Gated Ion-Channel (neur\_chan). Several of the sequences correspond to a sequence encoding a neurotransmitter-gated ion channel. Neurotransmitter-gated ion-channels, which provide the molecular basis for rapid signal transmission at chemical synapses, are post-synaptic oligomeric transmembrane complexes that transiently form a ionic channel upon the binding of a specific neurotransmitter. Five types of neurotransmitter-gated receptors are known: 1) nicotinic acetylcholine receptor (AChR); 2) glycine receptor; 3) gamma-aminobutyric acid (GABA) receptor; 4) serotonin 5HT<sub>3</sub> receptor; and 5) glutamate receptor. All known sequences of subunits from neurotransmitter-gated ion-channels are structurally related, and are composed of a large extracellular glycosylated N-terminal ligand-binding domain, followed by three hydrophobic transmembrane regions that form the ionic channel, followed by an intracellular region of variable length. A fourth hydrophobic region is found at the C-terminal of the sequence. The consensus pattern is: C-x-[LIVMFQ]-x-[LIVMF]-x(2)-[FY]-P-x-D-x(3)-C, where the two C's are linked by a disulfide bond.

Protein Kinase (protkinase). Several sequences represent polynucleotides encoding protein kinases, which catalyze phosphorylation of proteins in a variety of pathways, and are implicated in cancer. Eukaryotic protein kinases (Hanks, *et al.*, *FASEB J.* (1995) 9:576; Hunter, *Meth. Enzymol.* (1991) 200:3; Hanks, *et al.*, *Meth. Enzymol.* (1991) 200:38; Hanks, *Curr. Opin. Struct. Biol.* (1991) 1:369; Hanks *et al.*, *Science* (1988) 241:42) belong to a very extensive family of proteins that share a conserved catalytic core common to both serine/threonine and tyrosine protein kinases. There are a number of conserved regions in the catalytic domain of protein kinases. The first region, located in the N-terminal extremity of the catalytic domain, is a glycine-rich stretch of residues in the vicinity of a lysine residue, which has been shown to be involved in ATP binding. The second region, located in the central part of the catalytic domain, contains a conserved aspartic acid residue that is important for the catalytic activity of the enzyme (Knighton, *et al.*, *Science* (1991) 253:407).

The protein kinase profile includes two signature patterns for this second region: one

specific for serine/threonine kinases and the other for tyrosine kinases. A third profile is based on the alignment in (Hanks, *et al.*, *FASEB J.* (1995) 9:576) and covers the entire catalytic domain. The consensus patterns are as follows: 1) [LIV]-G-{P}-G-{P}-[FYWMGSTNH]-[SGA]-{PW}-[LIVCAT]-{PD}-x-[GSTACLIVMFY]-x(5.18)-[LIVMFYWCSTAR]-[AIVP]-[LIVMFAGCKR]-K, where K binds ATP; 2) [LIVMFYC]-x-[HY]-x-D-[LIVMFY]-K-x(2)-N-[LIVMFYCT](3), where D is an active site residue; and 3) [LIVMFYC]-x-[HY]-x-D-[LIVMFY]-[RSTAC]-x(2)-N-[LIVMFYC], where D is an active site residue.

Protein Tyrosine Phosphatase (Y\_phosphatase) (PTPase). SEQ ID NOS: 1719, 1769, 2062, 2197, and 2275 represent polynucleotides encoding a tyrosine-specific protein phosphatase, a kinase that catalyzes the removal of a phosphate groups attached to a tyrosine residue (EC 3.1.3.48) (PTPase) (Fischer *et al.*, *Science* (1991) 253:401; Charbonneau *et al.*, *Annu. Rev. Cell Biol.* (1992) 8:463; Trowbridge *Biol. Chem.* (1991) 266:23517; Tonks *et al.*, *Trends Biochem. Sci.* (1989) 14:497; and Hunter, *Cell* (1989) 58:1013). PTPases are important in the control of cell growth, proliferation, differentiation and transformation. Multiple forms of PTPase have been characterized and can be classified into two categories: soluble PTPases and transmembrane receptor proteins that contain PTPase domain(s). Structurally, all known receptor PTPases are made up of a variable length extracellular domain, followed by a transmembrane region and a C-terminal catalytic cytoplasmic domain. PTPase domains consist of about 300 amino acids. Two conserved cysteines are absolutely required for activity, with a number of other conserved residues in the immediate vicinity also important for activity. The consensus pattern for PTPases is: [LIVMF]-H-C-x(2)-G-x(3)-[STC]-[STAGP]-x-[LIVMFY]; C is the active site residue.

RNA Recognition Motif (rrm). SEQ ID NOS: 1850 and 2194 correspond to sequence encoding an RNA recognition motif, also known as an RRM, RBD, or RNP domain. This domain, which is about 90 amino acids long, is contained in eukaryotic proteins that bind single-stranded RNA (Bandziulis *et al. Genes Dev.* (1989) 3:431-437; Dreyfuss *et al. Trends Biochem. Sci.* (1988) 13:86-91). Two regions within the RNA-binding domain are highly conserved: the first is a hydrophobic segment of six residues (which is called the RNP-2 motif), the second is an octapeptide motif (which is called RNP-1 or RNP-CS). The consensus pattern is: [RK]-G-{EDRKHPG}-[AGSCI]-[FY]-[LIVA]-x-[FYLM].

SH2 Domain (SH2). SEQ ID NO: 2441 corresponds to a sequence encoding an SH2 domain. The Src homology 2 (SH2) domain includes an approximately 100 amino acid residue domain, which is conserved in the oncoproteins Src and Fps, as well as in many other intracellular signal-transducing proteins (Sadowski *et al. Mol. Cell. Biol.* (1986) 6:4396-4408; Russel *et al. FEBS Lett.* (1992) 304:15-20). SH2 domains function as regulatory modules of intracellular signaling cascades by interacting with high affinity to phosphotyrosine-containing target peptides in

a sequence-specific and strictly phosphorylation-dependent manner. The SH2 domain has a conserved 3D structure consisting of two alpha helices and six to seven beta-strands. The core of the domain is formed by a continuous beta-meander composed of two connected beta-sheets (Kuriyan et al. *Curr. Opin. Struct. Biol.* (1993) 3:828-837).

5        Thioredoxin family active site (Thioredoxin). SEQ ID NO: 1618 represents a polynucleotide encoding a protein of the thioredoxin family. Thioredoxins are small proteins of approximately one hundred amino acid residues that participate in various redox reactions via the reversible oxidation of an active center disulfide bond (Holmgren. *Annu. Rev. Biochem.* (1985) 54:237; Gleason, et al., *FEMS Microbiol. Rev.* (1988) 54:271; Holmgren A. *J. Biol. Chem.* (1989) 264:13963; Eklund, et al. 10        *Proteins* (1991) 11:13). Thioredoxins exist in either reduced or oxidized forms where the two cysteine residues are linked in an intramolecular disulfide bond. The sequence around the redox-active disulfide bond is well conserved. The consensus pattern is: [LIVMF]-[LIVMSTA]-x-[LIVMFYC]-[FYWSTHE]-x(2)-[FYWGTN]-C-[GATPLVE]-[PHYWSTA]-C-x(6)-[LIVMFYWT] (where the two C's form the redox-active bond).

15        Trypsin (trypsin). SEQ ID NOS: 1579, 2290, 2341, 2421, 2430, and 2438 correspond to novel serine proteases of the trypsin family. The catalytic activity of the serine proteases from the trypsin family is provided by a charge relay system involving an aspartic acid residue hydrogen-bonded to a histidine, which itself is hydrogen-bonded to a serine. The sequences in the vicinity of the active site serine and histidine residues are well conserved (Brenner *Nature* (1988) 334:528). 20        The consensus patterns for the trypsin protein family are: 1) [LIVM]-[ST]-A-[STAG]-H-C, where H is the active site residue; and 2) [DNSTAGC]-[GSTAPIMVQH]-x(2)-G-[DE]-S-G-[GS]-[SAPHV]-[LIVMFYWH]-[LIVMFYSTANQH], where S is the active site residue. All sequences known to belong to this family are detected by the above consensus sequences, except for 18 different proteases which have lost the first conserved glycine. If a protein includes both the serine and the 25        histidine active site signatures, the probability of it being a trypsin family serine protease is 100%.

WD Domain, G-Beta Repeats (WD domain). SEQ ID NO: 2281 represents a members of the WD domain/G-beta repeat family. Beta-transducin (G-beta) is one of the three subunits (alpha, beta, and gamma) of the guanine nucleotide-binding proteins (G proteins) which act as intermediaries in the transduction of signals generated by transmembrane receptors (Gilman, *Annu. 30        Rev. Biochem.* (1987) 56:615). The alpha subunit binds to and hydrolyzes GTP; the beta and gamma subunits are required for the replacement of GDP by GTP as well as for membrane anchoring and receptor recognition. In higher eukaryotes, G-beta exists as a small multigene family of highly conserved proteins of about 340 amino acid residues. Structurally, G-beta has eight tandem repeats of about 40 residues, each containing a central Trp-Asp motif (this type of repeat is sometimes 35        called a WD-40 repeat). The consensus pattern for the WD domain/G-Beta repeat family is:

[LIVMSTAC]-[LIVMFYWSTAGC]-[LIMSTAG]-[LIVMSTAGC]-x(2)-[DN]-x(2)-  
[LIVMWSTAC]-x-[LIVMFSTAG]-W-[DEN]-[LIVMFSTAGCN].

wnt Family of Developmental Signaling Proteins (Wnt dev. sign). Several of the sequences correspond to novel members of the wnt family of developmental signaling proteins. Wnt-1 (previously known as int-1), the seminal member of this family, (Nusse, *Trends Genet.* (1988) 4:291) plays a role in intercellular communication and is important in central nervous system development. All wnt family proteins share the following features characteristic of secretory proteins: a signal peptide, several potential N-glycosylation sites and 22 conserved cysteines that may be involved in disulfide bonds. Wnt proteins generally adhere to the plasma membrane of secreting cells and are therefore likely to signal over only few cell diameters. The consensus pattern, which is based upon a highly conserved region including three cysteines, is as follows: C-K-C-H-G-[LIVMT]-S-G-x-C.

Zinc Finger, C2H2 Type (Zincfing C2H2). SEQ ID NOS: 1735, 1942, 2018, 2254, and 2515 correspond to polynucleotides encoding members of the C2H2 type zinc finger protein family, which contain zinc finger domains that facilitate nucleic acid binding (Klug *et al.*, *Trends Biochem. Sci.* (1987) 12:464; Evans *et al.*, *Cell* (1988) 52:1; Payre *et al.*, *FEBS Lett.* (1988) 234:245; Miller *et al.*, *EMBO J.* (1985) 4:1609; and Berg, *Proc. Natl. Acad. Sci. USA* (1988) 85:99). In addition to the conserved zinc ligand residues, a number of other positions are also important for the structural integrity of the C2H2 zinc fingers. (Rosenfeld *et al.*, *J. Biomol. Struct. Dyn.* (1993) 11:557) The best conserved position, which is generally an aromatic or aliphatic residue, is located four residues after the second cysteine. The consensus pattern for C2H2 zinc fingers is: C-x(2,4)-C-x(3)-[LIVMFYWC]-x(8)-H-x(3,5)-H. The two C's and two H's are zinc ligands.

**Example 4: Differential Expression of Polynucleotides of the Invention: Description of Libraries and Detection of Differential Expression**

The relative expression levels of the polynucleotides of the invention was assessed in several libraries prepared from various sources, including cell lines and patient tissue samples. Table 4 provides a summary of these libraries, including the shortened library name (used hereafter), the mRNA source used to prepared the cDNA library, the "nickname" of the library that is used in the tables below (in quotes), and the approximate number of clones in the library.

**Table 4. Description of cDNA Libraries**

Library (lib #)	Description	Number of Clones in Cluster
1	Km12 L4 Human Colon Cell Line, High Metastatic Potential (derived from Km12C); "High Met Colon"	307133



Library (lib #)	Description	Number of Clones in Cluster
2	Km12C Human Colon Cell Line. Low Metastatic Potential: "Low Met Colon"	284755
3	MDA-MB-231 Human Breast Cancer Cell Line. High Metastatic Potential: micro- metastases in lung: "High Met Breast"	326937
4	MCF7 Human Breast Cancer Cell. Non Metastatic: "Low Met Breast"	318979
8	MV-522 Human Lung Cancer Cell Line. High Metastatic Potential: "High Met Lung"	223620
9	UCP-3 Human Lung Cancer Cell Line. Low Metastatic Potential: "Low Met Lung"	312503
12	Human microvascular endothelial cells (HMEC) – Untreated PCR (OligodT) cDNA library; "HMEC"	41938
13	Human microvascular endothelial cells (HMEC) – Basic fibroblast growth factor (bFGF) treated PCR (OligodT) cDNA library; "HMEC-bFGF"	42100
14	Human microvascular endothelial cells (HMEC) – Vascular endothelial growth factor (VEGF) treated PCR (OligodT) cDNA library; "HMEC-VEGF"	42825
15	Normal Colon – UC#2 Patient PCR (OligodT) cDNA library; "Normal Colon Tissue"	282722
16	Colon Tumor – UC#2 Patient PCR (OligodT) cDNA library; "Normal Colon Tumor Tissue"	298831
17	Liver Metastasis from Colon Tumor of UC#2 Patient PCR (OligodT) cDNA library; "High Met Colon Tissue"	303467
18	Normal Colon – UC#3 Patient PCR (OligodT) cDNA library; "Normal Colon Tissue"	36216
19	Colon Tumor – UC#3 Patient PCR (OligodT) cDNA library; "Colon Tumor Tissue"	41388
20	Liver Metastasis from Colon Tumor of UC#3 Patient PCR (OligodT) cDNA library; "High Met Colon Tissue"	30956
21	GRRpz Human Prostate Cell Line: "Normal Prostate"	164801
22	Woca Human Prostate Cancer Cell Line: "Prostate Cancer"	162088

The KM12L4, KM12C, and MDA-MB-231 cell lines are described in Example 1 above. The MCF7 cell line was derived from a pleural effusion of a breast adenocarcinoma and is non-metastatic. The MV-522 cell line is derived from a human lung carcinoma and is of high metastatic potential. The UCP-3 cell line is a low metastatic human lung carcinoma cell line; the MV-522 is a high metastatic variant of UCP-3. These cell lines are well-recognized in the art as models for the study of human breast and lung cancer (see, e.g., Chandrasekaran *et al.*, *Cancer Res.* (1979) 39:870 (MDA-MB-231 and MCF-7); Gastpar *et al.*, *J Med Chem* (1998) 41:4965 (MDA-MB-231 and

MCF-7): Ranson *et al.*, *Br J Cancer* (1998) 77:1586 (MDA-MB-231 and MCF-7); Kuang *et al.*, *Nucleic Acids Res* (1998) 26:1116 (MDA-MB-231 and MCF-7); Varki *et al.*, *Int J Cancer* (1987) 40:46 (UCP-3); Varki *et al.*, *Tumour Biol.* (1990) 11:327; (MV-522 and UCP-3); Varki *et al.*, *Anticancer Res.* (1990) 10:637; (MV-522); Kelner *et al.*, *Anticancer Res* (1995) 15:867 (MV-522); and Zhang *et al.*, *Anticancer Drugs* (1997) 8:696 (MV522)). The samples of libraries 15-20 are derived from two different patients (UC#2, and UC#3). The bFGF-treated HMEC were prepared by incubation with bFGF at 10ng/ml for 2 hrs; the VEGF-treated HMEC were prepared by incubation with 20ng/ml VEGF for 2 hrs. Following incubation with the respective growth factor, the cells were washed and lysis buffer added for RNA preparation. The GRRpz and WOca cell lines were provided by Dr. Donna M. Peehl, Department of Medicine, Stanford University School of Medicine. GRRpz was derived from normal prostate epithelium. The WOca cell line is a Gleason Grade 4 cell line.

Each of the libraries is composed of a collection of cDNA clones that in turn are representative of the mRNAs expressed in the indicated mRNA source. In order to facilitate the analysis of the millions of sequences in each library, the sequences were assigned to clusters. The concept of "cluster of clones" is derived from a sorting/grouping of cDNA clones based on their hybridization pattern to a panel of roughly 300 7bp oligonucleotide probes (see Drmanac *et al.*, *Genomics* (1996) 37(1):29). Random cDNA clones from a tissue library are hybridized at moderate stringency to 300 7bp oligonucleotides. Each oligonucleotide has some measure of specific hybridization to that specific clone. The combination of 300 of these measures of hybridization for 300 probes equals the "hybridization signature" for a specific clone. Clones with similar sequence will have similar hybridization signatures. By developing a sorting/grouping algorithm to analyze these signatures, groups of clones in a library can be identified and brought together computationally. These groups of clones are termed "clusters". Depending on the stringency of the selection in the algorithm (similar to the stringency of hybridization in a classic library cDNA screening protocol), the "purity" of each cluster can be controlled. For example, artifacts of clustering may occur in computational clustering just as artifacts can occur in "wet-lab" screening of a cDNA library with 400 bp cDNA fragments, at even the highest stringency. The stringency used in the implementation of cluster herein provides groups of clones that are in general from the same cDNA or closely related cDNAs. Closely related clones can be a result of different length clones of the same cDNA, closely related clones from highly related gene families, or splice variants of the same cDNA.

Differential expression for a selected cluster was assessed by first determining the number of cDNA clones corresponding to the selected cluster in the first library (Clones in 1<sup>st</sup>), and the determining the number of cDNA clones corresponding to the selected cluster in the second library

(Clones in 2nd). Differential expression of the selected cluster in the first library relative to the second library is expressed as a "ratio" of percent expression between the two libraries. In general, the "ratio" is calculated by: 1) calculating the percent expression of the selected cluster in the first library by dividing the number of clones corresponding to a selected cluster in the first library by the total number of clones analyzed from the first library; 2) calculating the percent expression of the selected cluster in the second library by dividing the number of clones corresponding to a selected cluster in a second library by the total number of clones analyzed from the second library; 3) dividing the calculated percent expression from the first library by the calculated percent expression from the second library. If the "number of clones" corresponding to a selected cluster in a library is zero, the value is set at 1 to aid in calculation. The formula used in calculating the ratio takes into account the "depth" of each of the libraries being compared, *i.e.*, the total number of clones analyzed in each library.

In general, a polynucleotide is said to be significantly differentially expressed between two samples when the ratio value is greater than at least about 2, preferably greater than at least about 3, more preferably greater than at least about 5, where the ratio value is calculated using the method described above. The significance of differential expression is determined using a z score test (Zar, Biostatistical Analysis, Prentice Hall, Inc., USA, "Differences between Proportions," pp 296-298 (1974).

#### 20 Examples 5-12: Differential Expression of Polynucleotides of the Invention

A number of polynucleotide sequences have been identified that are differentially expressed between, for example, cells derived from high metastatic potential cancer tissue and low metastatic cancer cells, and between cells derived from high metastatic potential cancer tissue and normal tissue. Evaluation of the levels of expression of the genes corresponding to these sequences can be valuable in diagnosis, prognosis, and/or treatment (*e.g.*, to facilitate rationale design of therapy, monitoring during and after therapy, *etc.*). Moreover, the genes corresponding to differentially expressed sequences described herein can be therapeutic targets due to their involvement in regulation (*e.g.*, inhibition or promotion) of development of, for example, the metastatic phenotype. For example, sequences that correspond to genes that are increased in expression in high metastatic potential cells relative to normal or non-metastatic tumor cells may encode genes or regulatory sequences involved in processes such as angiogenesis, differentiation, cell replication, and metastasis.

Detection of the relative expression levels of differentially expressed polynucleotides described herein can provide valuable information to guide the clinician in the choice of therapy. For example, a patient sample exhibiting an expression level of one or more of these polynucleotides

that corresponds to a gene that is increased in expression in metastatic or high metastatic potential cells may warrant more aggressive treatment for the patient. In contrast, detection of expression levels of a polynucleotide sequence that corresponds to expression levels associated with that of low metastatic potential cells may warrant a more positive prognosis than the gross pathology would suggest.

A number of polynucleotide sequences of the present invention are differentially expressed between human microvascular endothelial cells (HMEC) that have been treated with growth factors relative to untreated HMEC. Sequences that are differentially expressed between growth factor-treated HMEC and untreated HMEC can represent sequences encoding gene products involved in angiogenesis, metastasis (cell migration), and other development and oncogenic processes. For example, sequences that are more highly expressed in HMEC treated with growth factors (such as bFGF or VEGF) relative to untreated HMEC can serve as markers of cancer cells of higher metastatic potential. Detection of expression of these sequences in colon cancer tissue can be valuable in determining diagnostic, prognostic and/or treatment information associated with the prevention of achieving the malignant state in these tissues, and can be important in risk assessment for a patient. A patient sample displaying an increased level of one or more of these polynucleotides may thus warrant closer attention or more frequent screening procedures to catch the malignant state as early as possible.

The differential expression of the polynucleotides described herein can thus be used as, for example, diagnostic markers, prognostic markers, for risk assessment, patient treatment and the like. These polynucleotide sequences can also be used in combination with other known molecular and/or biochemical markers. The following examples provide relative expression levels of polynucleotides from specified cell lines and patient tissue samples.

**Example 5: High Metastatic Potential Breast Cancer Versus Low Metastatic Breast Cancer Cells**

The following tables summarize polynucleotides that represent genes that are differentially expressed between high metastatic potential and low metastatic potential breast cancer cells.

**Table 5. High metastatic potential breast (lib3) > low metastatic potential (lib4) breast cancer cells**

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib3/Lib4
1213	40	0	39
1538	60	3	20
1466	14	0	14
1356	10	0	10
1383	10	1	10
1158	10	1	10
441	10	1	10
1338	10	0	10
1426	19	2	9

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib3/Lib4
1547	9	1	9
1313	8	1	8
841	8	1	8
1534	8	0	8
1503	8	0	8
829	8	1	8
1408	8	0	8
1447	7	0	7
1389	7	0	7
356	7	0	7
1492	7	0	7
1543	22	3	7
799	7	0	7
1437	6	0	6
1251	6	0	6
972	18	3	6
1482	6	0	6
1299	6	0	6
109	24	4	6
1558	6	0	6
1355	6	0	6
1548	11	2	5
250	10	2	5
919	26	6	4
358	36	12	3
1525	75	28	3
1157	49	17	3

Table 6. Low metastatic potential breast (lib4) > high metastatic potential breast cancer cells (lib3)

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib4/Lib3
248	0	58	59
726	1	23	24
14	1	19	19
699	0	14	14
763	1	14	14
20	1	13	13
79	1	13	13
715	0	10	10
991	0	8	8
1199	0	8	8
707	0	7	7
1128	4	26	7
891	0	6	6
1146	2	11	6
731	7	44	6
1518	3	15	5
340	3	13	4
949	4	13	3

SEQ ID NO:	Lib3 Clones	Lib4 Clones	Lib4/Lib3
1247	7	18	3
1185	497	1216	3

**Example 6: High Metastatic Potential Lung Cancer Versus Low Metastatic Lung Cancer Cells**

The following summarizes polynucleotides that represent genes differentially expressed between high metastatic potential lung cancer cells and low metastatic potential lung cancer cells:

5 **Table 7. High metastatic potential lung (lib8) > low metastatic potential lung (lib9) lung cancer cells**

SEQ ID NO:	Lib8 Clones	Lib9 Clones	Lib8/Lib9
150	31	0	43
651	43	2	30
1298	14	1	20
57	11	0	15
625	7	0	10
1322	7	1	10
36	7	0	10
621	18	3	8
215	6	1	8
561	19	4	7
247	5	0	7
199	5	0	7
998	5	0	7
502	5	0	7
1382	8	2	6
1181	17	4	6
1309	8	2	6
1157	15	4	5
1260	14	5	4
1185	710	266	4
1525	21	10	3

**Table 8. Low metastatic potential lung (lib9) > high metastatic potential lung (lib8) cancer cells**

SEQ ID NO:	Lib8 Clones	Lib9 Clones	Lib9/Lib8
924	1	13	9
822	1	13	9
728	1	12	9
341	1	12	9
1527	3	31	7
698	4	26	5
949	2	15	5
744	3	23	5
973	8	27	2

**Example 7: High Metastatic Potential Colon Cancer Versus Low Metastatic Colon Cancer Cells**

Tables 9 and 10 summarize polynucleotides that represent genes differentially expressed between high metastatic potential and low metastatic potential colon cancer cells:

5 **Table 9. High metastatic potential (lib1) > low metastatic potential (lib2) colon cancer cells**

SEQ ID NO:	Lib1 Clones	Lib2 Clones	Lib1/Lib2
248	67	2	31
87	12	0	11
698	11	0	10
57	13	3	4
924	24	10	2
1249	24	9	2

**Table 10. Low metastatic potential (lib2) > high metastatic potential colon cancer (lib1) cells**

SEQ ID NO:	Lib1 Clones	Lib2 Clones	Lib2/Lib1
1268	1	17	18
1114	0	15	16
1032	1	14	15
109	5	60	13
973	1	11	12
91	1	11	12
982	0	9	10
1267	3	28	10
93	1	8	9
1556	1	8	9
1251	0	8	9
1206	2	17	9
812	0	8	9
1254	0	7	8
1220	0	7	8
766	0	7	8
1156	0	7	8
1007	0	7	8
981	0	7	8
762	0	7	8
876	0	6	6
1234	2	11	6
1183	0	6	6
1044	2	12	6
785	0	6	6
1069	3	17	6
770	0	6	6
778	0	6	6
792	0	6	6
822	2	10	5
1258	7	23	4
1224	7	17	3

SEQ ID NO:	Lib1 Clones	Lib2 Clones	Lib2/Lib1
984	8	19	3
841	10	28	3
339	14	34	3
1213	11	29	3
1201	5	14	3
1192	22	48	2

**Example 8: High Metastatic Potential Colon Cancer Patient Tissue Vs. Normal Patient Tissue**

Tables 11 summarizes polynucleotides that represent genes differentially expressed between high metastatic potential colon cancer cells and normal colon cells of patient tissue. :

5 **Table 11. High metastatic potential colon tissue (lib17) vs. normal colon tissue (lib15)**

SEQ ID NO:	Lib15 Clones	Lib17 Clones	Lib17/Lib15
1422	1	13	12
1132	1	10	9
730	1	9	8
1311	0	7	7
78	9	48	5
822	5	20	4
SEQ ID NO:	Lib15 Clones	Lib17 Clones	Lib15/Lib17
463	8	1	9

**Example 9: High Tumor Potential Colon Tissue Vs. Metastasized Colon Cancer Tissue**

The following table summarizes polynucleotides that represent genes differentially expressed between high tumor potential colon cancer cells and cells derived from high metastatic potential colon cancer cells of a patient.

10 **Table 12. High tumor potential colon tissue (lib16) vs. high metastatic colon tissue (lib17)**

SEQ ID NO:	Lib16 Clones	Lib17 Clones	Lib16/Lib17
1185	14	4	4
SEQ ID NO:	Lib16 Clones	Lib17 Clones	Lib17/Lib16
822	2	20	10

**Example 10: High Tumor Potential Colon Cancer Patient Tissue Versus Normal Patient Tissue**

Tables 13 and 14 summarize polynucleotides that represent genes differentially expressed between high metastatic potential colon cancer cells and normal colon cells in patient tissue:

15 **Table 13. Higher expression in tumor potential colon tissue (lib16) vs. normal colon tissue (lib15)**

SEQ ID NO:	Lib15 Clones	Lib16 Clones	Lib16/Lib15
1311	0	8	8
78	9	28	3



**Table 14.** Higher expression in normal colon tissue (lib15) vs. tumor potential colon tissue (lib16)

SEQ ID NO:	Lib15 Clones	Lib16 Clones	Lib15/Lib16
463	8	0	8
1099	12	3	4

**Example 11:** Growth Factor-Stimulated Human Microvascular Endothelial Cells (HMEC)

5 Relative to Untreated HMEC

The following tables summarize polynucleotides that represent genes differentially expressed between growth factor-treated and untreated HMEC.

**Table 15.** Higher expression in bFGF treated HMEC (lib13) vs. untreated HMEC (lib12)

SEQ ID NO:	Lib12 Clones	Lib13 Clones	Lib13/Lib12
1520	9	23	3
1538	17	35	2

10 **Table 16.** Higher expression in VEGF treated HMEC (lib14) vs. untreated HMEC (lib12)

SEQ ID NO:	Lib12 Clones	Lib14 Clones	Lib14/Lib12
1154	2	12	6
1226	2	10	5
1538	17	38	2

**Example 12:** Polynucleotides Differentially Expressed in Human Prostate Cancer Cells Relative to Normal Human Prostate Cells

The following tables summarize identified polynucleotides that represent genes differentially expressed between prostate cancer cells and normal prostate cells:

15 **Table 17.** Higher expression in normal prostate cells (lib21) relative to prostate cancer cells (lib22)

SEQ ID NO:	Lib21 Clones	Lib22 Clones	Lib21/Lib22
1525	6	0	6
248	116	51	2
1203	22	9	2

**Table 18** Higher expression in prostate cancer cells (lib22) relative to normal prostate cells (lib21)

SEQ ID NO:	Lib21 Clones	Lib22 Clones	Lib22/Lib21
1213	0	34	35
340	1	12	12
699	0	11	11

20 **Example 13:** Differential Expression Across Multiple Libraries

A number of polynucleotide sequences have been identified that represent genes that are differentially expressed across multiple libraries. Expression of these sequences in a tissue or any

origin can be valuable in determining diagnostic, prognostic and/or treatment information associated with the prevention of achieving the malignant state in these tissues, and can be important in risk assessment for a patient. These polynucleotides can also serve as non-tissue specific markers of, for example, risk of metastasis of a tumor. Table 19 summarizes this data.

5

Table 19. Genes Differentially Expressed Across Multiple Library Comparisons

SEQ ID NO:	Cell or Tissue Sample and Cancer State Compared	Ratio
57	High Met Lung (lib8) > Low Met Lung (lib9)	15
57	High Met Colon (lib1) > Low Met Colon (lib2)	4
78	High Met Colon Tissue (lib17) > Normal Colon Tissue (lib15)	5
78	Normal Colon Tumor Tissue (lib16) > Normal Colon Tissue (lib15)	3
109	High Met Breast (lib3) > Low Met Breast (lib4)	6
109	Low Met Colon (lib2) > High Met Colon (lib1)	13
248	High Met Colon (lib1) > Low Met Colon (lib2)	31
248	Normal Prostate (lib21) > Prostate Cancer (lib22)	2
248	Low Met Breast (lib4) > High Met Breast (lib3)	59
340	Prostate Cancer (lib22) > Normal Prostate (lib21)	12
340	Low Met Breast (lib4) > High Met Breast (lib3)	4
463	Normal Colon Tissue (lib15) > High Met Colon Tissue (lib17)	9
463	Normal Colon Tissue (lib15) > Normal Colon Tumor Tissue (lib16)	8
698	High Met Colon (lib1) > Low Met Colon (lib2)	10
698	Low Met Lung (lib9) > High Met Lung (lib8)	5
699	Low Met Breast (lib4) > High Met Breast (lib3)	14
699	Prostate Cancer (lib22) > Normal Prostate (lib21)	11
822	High Met Colon Tissue (lib17) > Normal Colon Tumor Tissue (lib16)	10
822	Low Met Lung (lib9) > High Met Lung (lib8)	9
822	Low Met Colon (lib2) > High Met Colon (lib1)	5
822	High Met Colon Tissue (lib17) > Normal Colon Tissue (lib15)	4
841	High Met Breast (lib3) > Low Met Breast (lib4)	8
841	Low Met Colon (lib2) > High Met Colon (lib1)	3
924	High Met Colon (lib1) > Low Met Colon (lib2)	2
924	Low Met Lung (lib9) > High Met Lung (lib8)	9
949	Low Met Lung (lib9) > High Met Lung (lib8)	5
949	Low Met Breast (lib4) > High Met Breast (lib3)	3
973	Low Met Colon (lib2) > High Met Colon (lib1)	12
973	Low Met Lung (lib9) > High Met Lung (lib8)	2
1157	High Met Lung (lib8) > Low Met Lung (lib9)	5
1157	High Met Breast (lib3) > Low Met Breast (lib4)	3
1185	Normal Colon Tumor Tissue (lib16) > High Met Colon Tissue (lib17)	4
1185	High Met Lung (lib8) > Low Met Lung (lib9)	4
1185	Low Met Breast (lib4) > High Met Breast (lib3)	3
1213	High Met Breast (lib3) > Low Met Breast (lib4)	39
1213	Prostate Cancer (lib22) > Normal Prostate (lib21)	35
1213	Low Met Colon (lib2) > High Met Colon (lib1)	3
1251	High Met Breast (lib3) > Low Met Breast (lib4)	6
1251	Low Met Colon (lib2) > High Met Colon (lib1)	9
1311	Normal Colon Tumor Tissue (lib16) > Normal Colon Tissue (lib15)	8

SEQ ID NO:	Cell or Tissue Sample and Cancer State Compared	Ratio
1311	High Met Colon Tissue (lib17) > Normal Colon Tissue (lib15)	7
1525	Normal Prostate (lib21) > Prostate Cancer (lib22)	6
1525	High Met Lung (lib8) > Low Met Lung (lib9)	3
1525	High Met Breast (lib3) > Low Met Breast (lib4)	3
1538	High Met Breast (lib3) > Low Met Breast (lib4)	20
1538	HMEC-VEGF (lib14) > HMEC (lib12)	2
1538	HMEC-bFGF (lib13) > HMEC (lib12)	2

Key for Table 19: High Met = high metastatic potential; Low Met = low metastatic potential; met = metastasized; tumor = non-metastasized tumor; HMEC = human microvascular endothelial cell; bFGF = bFGF treated; VEGF = VEGF treated.

5 **Example 14: Identification of Contiguous Sequences Having a Polynucleotide of the Invention**

The novel polynucleotides were used to screen publicly available and proprietary databases to determine if any of the polynucleotides of SEQ ID NOS:2611-2707 would facilitate identification of a contiguous sequence, *e.g.*, the polynucleotides would provide sequence that would result in 5' extension of another DNA sequence, resulting in production of a longer contiguous sequence composed of the provided polynucleotide and the other DNA sequence(s). Contigging was performed using the Gelmerge application (default settings) of GCG from the Univ. of Wisconsin.

10 Using these parameters, 97 contigged sequences were generated. These contigged sequences are provided as SEQ ID NOS:2611-2707 (see Table 1C). Table 1C provides the SEQ ID NO of the contig sequence, the name of the sequence used to create the contig, and the accession number of the publicly available tentative human consensus (THC) sequence used with the sequence of the corresponding sequence name to provide the contig. The sequence name of Table 1C can be correlated with the SEQ ID NO: of the polynucleotide of the invention using Tables 1A and 1B.

15 The contigged sequences (SEQ ID NOS:2611-2707) thus represent longer sequences that encompass a polynucleotide sequence of the invention. The contigged sequences were then translated in all three reading frames to determine the best alignment with individual sequences using the BLAST programs as described above. The sequences were masked using the XBLAST program for masking low complexity as described above in Example 1. Several of the contigged sequences were found to encode polypeptides having characteristics of a polypeptide belonging to a known protein families (and thus represent new members of these protein families) and/or comprising a known functional domain (Table 3B, inserted prior to claims). Thus the invention encompasses fragments, fusions, and variants of such polynucleotides that retain biological activity associated with the protein family and/or functional domain identified herein.

25 Descriptions of the profiles for the indicated protein families and functional domains are provided in Example 3 above. A description of the profile for PR55 is provided below.

Protein Phosphatase 2A Regulatory Subunit PR55 (PR55). Several of the contigs correspond to a sequence encoding a protein comprising a protein phosphatase 2A (PP2A) regulatory subunit PR55. PP2A is a serine/threonine phosphatase involved in many aspects of cellular function including the regulation of metabolic enzymes and proteins involved in signal transduction. PP2A is a trimeric enzyme comprising a core composed of a catalytic subunit associated with a 65 Kd regulatory subunit (PR65, also called subunit A). This complex associates with a third variable subunit (subunit B), which confers distinct properties to the holoenzyme (Mayer-Jaekel et al. *Trends Cell Biol.* (1994) 4:287-291). One of the forms of the variable subunit is a 55 Kd protein (PR55) which is highly conserved in mammals and may facilitate substrate recognition or targeting the enzyme complex to the appropriate subcellular compartment. The PR55 subunit comprises two conserved sequences of 15 residues; one located in the N-terminal region, the other in the center of the protein. The consensus patterns are: E-F-D-Y-L-K-S-L-E-I-E-E-K-I-N; and N-[AG]-H-[TA]-Y-H-I-N-S-I-S-[LIVM]-N-S-D.

Those skilled in the art will recognize, or be able to ascertain, using not more than routine experimentation, many equivalents to the specific embodiments of the invention described herein. Such specific embodiments and equivalents are intended to be encompassed by the following claims.

All publications and patent applications cited in this specification are herein incorporated by reference as if each individual publication or patent application were specifically and individually indicated to be incorporated by reference. The citation of any publication is for its disclosure prior to the filing date and should not be construed as an admission that the present invention is not entitled to antedate such publication by virtue of prior invention.

Although the foregoing invention has been described in some detail by way of illustration and example for purposes of clarity of understanding, it is readily apparent to those of ordinary skill in the art in light of the teachings of this invention that certain changes and modifications may be made thereto without departing from the spirit or scope of the appended claims.

Deposit Information. The following materials were deposited with the American Type Culture Collection (CMCC = Chiron Master Culture Collection).

**Table 20. Cell Lines Deposited with ATCC**

Cell Line	Deposit Date	ATCC Accession No.	CMCC Accession No.
KM12L4-A	March 19, 1998	CRL-12496	11606
Km12C	May 15, 1998	CRL-12533	11611
MDA-MB-231	May 15, 1998	CRL-12532	10583
MCF-7	October 9, 1998	CRL-12584	10377

In addition, pools of selected clones, as well as libraries containing specific clones, were assigned an "ES" number (internal reference) and deposited with the ATCC. Table 21 below provides the ATCC Accession Nos. of the ES deposits, all of which were deposited on or before May 13, 1999. The names of the clones contained within each of these deposits are provided in the tables numbered 22 and greater (inserted before the claims).

**Table 21: Pools of Clones and Libraries Deposited with ATCC on or before May 14, 1999**

ES #	ATCC Accession #	ES #	ATCC Accession #	ES #	ATCC Accession #
34		41		48	
35		42		49	
36		43		50	
37		44		51	
38		45		52	
39		46		53	
40		47		54	

The deposits described herein are provided merely as convenience to those of skill in the art, and is not an admission that a deposit is required under 35 U.S.C. §112. The sequence of the polynucleotides contained within the deposited material, as well as the amino acid sequence of the polypeptides encoded thereby, are incorporated herein by reference and are controlling in the event of any conflict with the written description of sequences herein. A license may be required to make, use, or sell the deposited material, and no such license is granted hereby.

**Retrieval of Individual Clones from Deposit of Pooled Clones.** Where the ATCC deposit is composed of a pool of cDNA clones or a library of cDNA clones, the deposit was prepared by first transfecting each of the clones into separate bacterial cells. The clones in the pool or library were then deposited as a pool of equal mixtures in the composite deposit. Particular clones can be obtained from the composite deposit using methods well known in the art. For example, a bacterial cell containing a particular clone can be identified by isolating single colonies, and identifying colonies containing the specific clone through standard colony hybridization techniques, using an oligonucleotide probe or probes designed to specifically hybridize to a sequence of the clone insert (e.g., a probe based upon unmasked sequence of the encoded polynucleotide having the indicated SEQ ID NO). The probe should be designed to have a  $T_m$  of approximately 80°C (assuming 2°C for each A or T and 4°C for each G or C). Positive colonies can then be picked, grown in culture, and the recombinant clone isolated. Alternatively, probes designed in this manner can be used to PCR to isolate a nucleic acid molecule from the pooled clones according to methods well known in the art, e.g., by purifying the cDNA from the deposited culture pool, and using the probes in PCR reactions to produce an amplified product having the corresponding desired polynucleotide sequence.

Table 1A

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1	5/14/98	1487	1	RTA00000608F.d.17.1	M00003981C:E04
2	5/14/98	1487	2	RTA00000589F.n.08.1	M00004182D:H03
3	5/14/98	1487	3	RTA00000589F.p.06.1	M00004223D:D07
4	5/14/98	1487	4	RTA00000597F.b.03.4	M00003770D:C07
5	5/14/98	1487	5	RTA00000608F.k.12.1	M00004029A:E01
6	5/14/98	1487	6	RTA00000585F.h.08.2	M00001432B:H08
7	5/14/98	1487	7	RTA00000585F.h.14.2	M00001433A:C07
8	5/14/98	1487	8	RTA00000609F.f.01.3	M00004060C:A02
9	5/14/98	1487	9	RTA00000588F.j.01.3	M00003835A:E03
10	5/14/98	1487	10	RTA00000596F.b.19.1	M00001663C:C03
11	5/14/98	1487	11	RTA00000585F.m.18.1	M00001444A:A09
12	5/14/98	1487	12	RTA00000596F.m.11.1	M00003753C:B01
13	5/14/98	1487	13	RTA00000589F.k.05.1	M00004133C:B02
14	5/14/98	1487	14	RTA00000589F.a.18.2	M00003984C:F04
15	5/14/98	1487	15	RTA00000585F.g.19.2	M00001431A:E05
16	5/14/98	1487	16	RTA00000595F.c.21.1	M00001598C:D10
17	5/14/98	1487	17	RTA00000584F.n.20.1	M00001406C:A11
18	5/14/98	1487	18	RTA00000611F.o.18.5	M00004204A:D04
19	5/14/98	1487	19	RTA00000597F.f.23.1	M00003787D:A06
20	5/14/98	1487	20	RTA00000585F.p.13.2	M00001452B:H06
21	5/14/98	1487	21	RTA00000583F.f.06.1	M00001348D:H08
22	5/14/98	1487	22	RTA00000585F.h.08.1	M00001432B:H08
23	5/14/98	1487	23	RTA00000589F.n.10.1	M00004184B:F11
24	5/14/98	1487	24	RTA00000614F.k.01.1	M00004465C:B12
25	5/14/98	1487	25	RTA00000587F.p.24.1	M00001584C:A03
26	5/14/98	1487	26	RTA00000587F.g.19.2	M00001548C:A09
27	5/14/98	1487	27	RTA00000612F.c.12.2	M00004222A:H10
28	5/14/98	1487	28	RTA00000589F.f.09.1	M00004064A:B12
29	5/14/98	1487	29	RTA00000586F.k.02.1	M00001490B:G04
30	5/14/98	1487	30	RTA00000609F.b.20.2	M00004050A:F02
31	5/14/98	1487	31	RTA00000584F.m.13.1	M00001402D:C07
32	5/14/98	1487	32	RTA00000614F.i.12.1	M00004447D:D10
33	5/14/98	1487	33	RTA00000608F.m.14.1	M00004035A:A10
34	5/14/98	1487	34	RTA00000608F.m.01.1	M00004033C:D10
35	5/14/98	1487	35	RTA00000597F.o.18.1	M00003819C:E04
36	5/14/98	1487	36	RTA00000584F.g.06.1	M00001390A:C06
37	5/14/98	1487	37	RTA00000609F.a.07.2	M00004046A:F04
38	5/14/98	1487	38	RTA00000607F.o.12.2	M00003961C:G02
39	5/14/98	1487	39	RTA00000597F.p.17.1	M00003821C:E04

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
40	5/14/98	1487	40	RTA00000609F.f.16.3	M00004063C:B11
41	5/14/98	1487	41	RTA00000584F.o.04.1	M00001407B:A08
42	5/14/98	1487	42	RTA00000608F.d.21.1	M00003982A:G03
43	5/14/98	1487	43	RTA00000614F.b.23.1	M00004389C:E01
44	5/14/98	1487	44	RTA00000612F.l.04.1	M00004268C:F08
45	5/14/98	1487	45	RTA00000611F.n.20.3	M00004200D:A07
46	5/14/98	1487	46	RTA00000608F.e.01.1	M00003982B:C10
47	5/14/98	1487	47	RTA00000585F.k.21.1	M00001439C:G06
48	5/14/98	1487	48	RTA00000589F.d.07.1	M00004037B:A09
49	5/14/98	1487	49	RTA00000614F.j.07.1	M00004460B:H09
50	5/14/98	1487	50	RTA00000614F.o.08.1	M00004508B:G02
51	5/14/98	1487	51	RTA00000608F.e.11.1	M00003983C:E07
52	5/14/98	1487	52	RTA00000589F.d.08.1	M00004037B:B05
53	5/14/98	1487	53	RTA00000614F.l.09.1	M00004491D:D07
54	5/14/98	1487	54	RTA00000607F.m.15.1	M00003949B:D05
55	5/14/98	1487	55	RTA00000609F.p.17.1	M00004093D:D09
56	5/14/98	1487	56	RTA00000583F.d.22.1	M00001346B:G03
57	5/14/98	1487	57	RTA00000589F.h.07.1	M00004081B:C11
58	5/14/98	1487	58	RTA00000611F.k.19.3	M00004191B:G01
59	5/14/98	1487	59	RTA00000595F.p.10.1	M00001654D:F06
60	5/14/98	1487	60	RTA00000609F.h.01.1	M00004068D:B01
61	5/14/98	1487	61	RTA00000612F.g.24.2	M00004244B:A02
62	5/14/98	1487	62	RTA00000608F.b.10.1	M00003975B:H09
63	5/14/98	1487	63	RTA00000587F.i.12.1	M00001555D:F11
64	5/14/98	1487	64	RTA00000610F.p.02.1	M00004152C:E01
65	5/14/98	1487	65	RTA00000608F.f.15.2	M00003987A:C07
66	5/14/98	1487	66	RTA00000614F.k.11.1	M00004467D:F09
67	5/14/98	1487	67	RTA00000612F.b.10.2	M00004216D:E10
68	5/14/98	1487	68	RTA00000606F.k.11.1	M00003864B:A04
69	5/14/98	1487	69	RTA00000583F.g.18.1	M00001352C:E01
70	5/14/98	1487	70	RTA00000585F.i.13.1	M00001435A:F03
71	5/14/98	1487	71	RTA00000612F.g.11.2	M00004240D:A07
72	5/14/98	1487	72	RTA00000607F.l.05.1	M00003936C:F10
73	5/14/98	1487	73	RTA00000610F.a.11.1	M00004097C:A03
74	5/14/98	1487	74	RTA00000596F.k.09.1	M00003746B:E12
75	5/14/98	1487	75	RTA00000611F.d.11.1	M00004169A:B11
76	5/14/98	1487	76	RTA00000588F.g.06.1	M00003797D:E10
77	5/14/98	1487	77	RTA00000595F.n.15.1	M00001648C:F06
78	5/14/98	1487	78	RTA00000584F.c.22.1	M00001382C:C09
79	5/14/98	1487	79	RTA00000585F.l.17.1	M00001441D:H05

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
80	5/14/98	1487	80	RTA00000608F.k.15.2	M00004029C:B03
81	5/14/98	1487	81	RTA00000597F.g.14.1	M00003789C:E03
82	5/14/98	1487	82	RTA00000588F.n.16.3	M00003906C:H12
83	5/14/98	1487	83	RTA00000606F.o.14.1	M00003886C:D10
84	5/14/98	1487	84	RTA00000608F.n.09.1	M00004037A:A07
85	5/14/98	1487	85	RTA00000613F.h.06.1	M00004329C:F11
86	5/14/98	1487	86	RTA00000587F.l.08.1	M00001564C:D04
87	5/14/98	1487	87	RTA00000590F.d.23.1	M00004350B:F06
88	5/14/98	1487	88	RTA00000609F.i.24.2	M00004073D:E01
89	5/14/98	1487	89	RTA00000614F.j.23.1	M00004465C:B10
90	5/14/98	1487	90	RTA00000587F.p.15.1	M00001582D:B10
91	5/14/98	1487	91	RTA00000640F.a.05.1	M00004190A:A09
92	5/14/98	1487	92	RTA00000609F.k.01.2	M00004077D:D10
93	5/14/98	1487	93	RTA00000589F.e.14.2	M00004054D:D02
94	5/14/98	1487	94	RTA00000586F.a.13.1	M00001455A:E09
95	5/14/98	1487	95	RTA00000590F.d.10.1	M00004337D:G08
96	5/14/98	1487	96	RTA00000608F.i.18.1	M00003998A:D03
97	5/14/98	1487	97	RTA00000608F.m.05.1	M00004034A:E08
98	5/14/98	1487	98	RTA00000597F.p.10.1	M00003820D:E02
99	5/14/98	1487	99	RTA00000585F.n.20.1	M00001446D:B10
100	5/14/98	1487	100	RTA00000584F.a.14.1	M00001377A:D03
101	5/14/98	1487	101	RTA00000609F.p.03.2	M00004092A:C03
102	5/14/98	1487	102	RTA00000606F.f.06.1	M00003841A:E09
103	5/14/98	1487	103	RTA00000609F.o.22.1	M00004091D:D09
104	5/14/98	1487	104	RTA00000587F.d.02.1	M00001537B:C12
105	5/14/98	1487	105	RTA00000612F.n.07.2	M00004277C:H11
106	5/14/98	1487	106	RTA00000606F.p.03.1	M00003888C:E01
107	5/14/98	1487	107	RTA00000589F.g.15.1	M00004076D:B03
108	5/14/98	1487	108	RTA00000610F.b.09.1	M00004102C:F07
109	5/14/98	1487	109	RTA00000603F.a.13.1	M00003820C:A09
110	5/14/98	1487	110	RTA00000606F.o.01.1	M00003883D:C03
111	5/14/98	1487	111	RTA00000589F.c.17.1	M00004030B:C05
112	5/14/98	1487	112	RTA00000589F.k.22.1	M00004140B:B01
113	5/14/98	1487	113	RTA00000585F.k.08.1	M00001438C:H05
114	5/14/98	1487	114	RTA00000595F.a.09.1	M00001586A:F09
115	5/14/98	1487	115	RTA00000597F.g.22.1	M00003790B:F12
116	5/14/98	1487	116	RTA00000597F.c.02.3	M00003773A:C09
117	5/14/98	1487	117	RTA00000587F.b.18.1	M00001530A:D11
118	5/14/98	1487	118	RTA00000606F.a.18.1	M00003824B:D06
119	5/14/98	1487	119	RTA00000612F.j.14.2	M00004260A:B07



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
120	5/14/98	1487	120	RTA00000612F.g.23.3	M00004243C:E10
121	5/14/98	1487	121	RTA00000583F.p.05.1	M00001374C:C09
122	5/14/98	1487	122	RTA00000586F.a.12.1	M00001455A:C03
123	5/14/98	1487	123	RTA00000613F.d.21.1	M00004308A:E06
124	5/14/98	1487	124	RTA00000586F.e.02.2	M00001466C:F02
125	5/14/98	1487	125	RTA00000595F.f.07.1	M00001609A:B12
126	5/14/98	1487	126	RTA00000607F.o.13.2	M00003962B:B09
127	5/14/98	1487	127	RTA00000595F.b.06.1	M00001590D:A07
128	5/14/98	1487	128	RTA00000609F.l.04.2	M00004081C:A01
129	5/14/98	1487	129	RTA00000610F.b.08.1	M00004102B:B04
130	5/14/98	1487	130	RTA00000585F.k.06.1	M00001438B:H06
131	5/14/98	1487	131	RTA00000611F.o.20.5	M00004204B:A04
132	5/14/98	1487	132	RTA00000614F.g.09.1	M00004421A:G04
133	5/14/98	1487	133	RTA00000597F.h.12.1	M00003793C:D11
134	5/14/98	1487	134	RTA00000597F.p.21.1	M00003822A:G05
135	5/14/98	1487	135	RTA00000595F.l.24.2	M00001641B:G05
136	5/14/98	1487	136	RTA00000584F.l.05.1	M00001399C:E10
137	5/14/98	1487	137	RTA00000586F.j.16.1	M00001489B:F08
138	5/14/98	1487	138	RTA00000613F.h.20.1	M00004332B:E11
139	5/14/98	1487	139	RTA00000606F.k.06.1	M00003862C:H10
140	5/14/98	1487	140	RTA00000587F.j.01.1	M00001557C:B08
141	5/14/98	1487	141	RTA00000610F.l.23.1	M00004143A:H07
142	5/14/98	1487	142	RTA00000606F.j.21.1	M00003860B:A07
143	5/14/98	1487	143	RTA00000608F.i.15.1	M00003997D:D07
144	5/14/98	1487	144	RTA00000596F.o.21.1	M00003763D:F06
145	5/14/98	1487	145	RTA00000597F.l.05.1	M00003809B:D08
146	5/14/98	1487	146	RTA00000608F.h.04.1	M00003992D:G01
147	5/14/98	1487	147	RTA00000585F.d.21.1	M00001424A:H09
148	5/14/98	1487	148	RTA00000606F.k.15.1	M00003864C:D09
149	5/14/98	1487	149	RTA00000612F.k.16.2	M00004266A:F10
150	5/14/98	1487	150	RTA00000589F.b.14.1	M00003991B:B05
151	5/14/98	1487	151	RTA00000597F.m.17.1	M00003813D:A06
152	5/14/98	1487	152	RTA00000585F.k.14.1	M00001439B:E02
153	5/14/98	1487	153	RTA00000584F.f.21.1	M00001389B:B06
154	5/14/98	1487	154	RTA00000597F.i.09.1	M00003796C:H03
155	5/14/98	1487	155	RTA00000597F.h.20.1	M00003795A:B01
156	5/14/98	1487	156	RTA00000608F.k.24.1	M00004030B:B02
157	5/14/98	1487	157	RTA00000586F.n.05.1	M00001500B:H07
158	5/14/98	1487	158	RTA00000608F.n.02.1	M00004035D:E04
159	5/14/98	1487	159	RTA00000585F.e.11.2	M00001425C:E10

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
160	5/14/98	1487	160	RTA00000596F.k.08.1	M00003746A:E01
161	5/14/98	1487	161	RTA00000611F.b.14.1	M00004163A:D11
162	5/14/98	1487	162	RTA00000607F.m.10.1	M00003948B:B03
163	5/14/98	1487	163	RTA00000586F.p.01.1	M00001506A:F01
164	5/14/98	1487	164	RTA00000589F.g.08.1	M00004075C:C09
165	5/14/98	1487	165	RTA00000608F.n.19.1	M00004037D:B05
166	5/14/98	1487	166	RTA00000607F.c.16.2	M00003905C:B01
167	5/14/98	1487	167	RTA00000595F.i.09.1	M00001622C:F06
168	5/14/98	1487	168	RTA00000584F.j.10.1	M00001397B:E02
169	5/14/98	1487	169	RTA00000589F.i.13.1	M00004103B:C07
170	5/14/98	1487	170	RTA00000585F.f.04.2	M00001427A:C05
171	5/14/98	1487	171	RTA00000606F.d.24.1	M00003837C:F05
172	5/14/98	1487	172	RTA00000609F.n.22.1	M00004088A:F12
173	5/14/98	1487	173	RTA00000610F.m.14.1	M00004144D:B06
174	5/14/98	1487	174	RTA00000606F.k.17.1	M00003864D:G05
175	5/14/98	1487	175	RTA00000583F.d.06.1	M00001345A:A12
176	5/14/98	1487	176	RTA00000608F.m.09.1	M00004034C:F05
177	5/14/98	1487	177	RTA00000608F.o.17.1	M00004040D:B05
178	5/14/98	1487	178	RTA00000583F.k.15.3	M00001362B:H09
179	5/14/98	1487	179	RTA00000610F.f.16.1	M00004120A:C02
180	5/14/98	1487	180	RTA00000608F.h.19.2	M00003994C:C11
181	5/14/98	1487	181	RTA00000584F.m.07.1	M00001401D:D04
182	5/14/98	1487	182	RTA00000587F.h.20.2	M00001552B:D01
183	5/14/98	1487	183	RTA00000596F.b.01.1	M00001660A:F10
184	5/14/98	1487	184	RTA00000611F.n.13.2	M00004199D:C02
185	5/14/98	1487	185	RTA00000597F.o.06.1	M00003818A:F09
186	5/14/98	1487	186	RTA00000589F.n.03.1	M00004178B:F06
187	5/14/98	1487	187	RTA00000597F.k.07.1	M00003805A:G05
188	5/14/98	1487	188	RTA00000611F.c.19.2	M00004166B:E10
189	5/14/98	1487	189	RTA00000606F.l.12.1	M00003868D:F02
190	5/14/98	1487	190	RTA00000614F.d.22.1	M00004407D:B09
191	5/14/98	1487	191	RTA00000608F.n.16.1	M00004037C:D07
192	5/14/98	1487	192	RTA00000595F.l.20.2	M00001640D:C10
193	5/14/98	1487	193	RTA00000608F.k.22.1	M00004030A:E09
194	5/14/98	1487	194	RTA00000583F.h.23.1	M00001355B:A01
195	5/14/98	1487	195	RTA00000608F.c.23.1	M00003980C:A11
196	5/14/98	1487	196	RTA00000585F.n.01.1	M00001444A:G12
197	5/14/98	1487	197	RTA00000596F.n.08.1	M00003756C:C08
198	5/14/98	1487	198	RTA00000612F.d.16.2	M00004229C:G11
199	5/14/98	1487	199	RTA00000589F.c.19.1	M00004031A:B04

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
200	5/14/98	1487	200	RTA00000584F.j.08.1	M00001397A:F10
201	5/14/98	1487	201	RTA00000583F.j.03.3	M00001358D:D09
202	5/14/98	1487	202	RTA00000597F.j.09.1	M00003801D:F05
203	5/14/98	1487	203	RTA00000614F.n.21.1	M00004506C:H10
204	5/14/98	1487	204	RTA00000606F.d.05.1	M00003833B:A11
205	5/14/98	1487	205	RTA00000589F.d.10.1	M00004038C:D12
206	5/14/98	1487	206	RTA00000597F.p.01.1	M00003820A:H04
207	5/14/98	1487	207	RTA00000586F.l.20.1	M00001496A:B03
208	5/14/98	1487	208	RTA00000607F.c.07.2	M00003903C:A12
209	5/14/98	1487	209	RTA00000595F.b.02.1	M00001589C:D12
210	5/14/98	1487	210	RTA00000597F.n.18.1	M00003816C:F10
211	5/14/98	1487	211	RTA00000612F.d.10.2	M00004228C:D11
212	5/14/98	1487	212	RTA00000609F.n.13.1	M00004086D:A07
213	5/14/98	1487	213	RTA00000610F.b.02.1	M00004101D:A03
214	5/14/98	1487	214	RTA00000590F.a.17.1	M00004249C:E12
215	5/14/98	1487	215	RTA00000587F.i.02.1	M00001553D:B06
216	5/14/98	1487	216	RTA00000583F.p.22.1	M00001376A:H02
217	5/14/98	1487	217	RTA00000609F.d.08.1	M00004054D:A03
218	5/14/98	1487	218	RTA00000609F.k.06.2	M00004078C:A08
219	5/14/98	1487	219	RTA00000585F.i.20.1	M00001435B:G10
220	5/14/98	1487	220	RTA00000585F.e.15.2	M00001426A:F09
221	5/14/98	1487	221	RTA00000595F.c.18.1	M00001597C:B03
222	5/14/98	1487	222	RTA00000596F.p.18.1	M00003766A:G09
223	5/14/98	1487	223	RTA00000611F.l.04.3	M00004193A:C07
224	5/14/98	1487	224	RTA00000614F.o.06.1	M00004508A:G12
225	5/14/98	1487	225	RTA00000586F.o.13.1	M00001504D:D09
226	5/14/98	1487	226	RTA00000612F.o.21.1	M00004283C:D03
227	5/14/98	1487	227	RTA00000585F.k.18.1	M00001439C:A01
228	5/14/98	1487	228	RTA00000611F.o.19.5	M00004204A:D10
229	5/14/98	1487	229	RTA00000611F.l.10.3	M00004193C:H01
230	5/14/98	1487	230	RTA00000612F.b.22.2	M00004217D:G10
231	5/14/98	1487	231	RTA00000583F.n.06.1	M00001370B:B12
232	5/14/98	1487	232	RTA00000611F.p.08.3	M00004206C:G11
233	5/14/98	1487	233	RTA00000607F.e.03.2	M00003909D:G01
234	5/14/98	1487	234	RTA00000607F.b.09.2	M00003896D:B01
235	5/14/98	1487	235	RTA00000585F.j.16.1	M00001436D:C10
236	5/14/98	1487	236	RTA00000607F.g.05.2	M00003915C:G01
237	5/14/98	1487	237	RTA00000586F.o.14.1	M00001505A:E09
238	5/14/98	1487	238	RTA00000607F.h.15.1	M00003920B:A10
239	5/14/98	1487	239	RTA00000586F.m.14.1	M00001499B:H05

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
240	5/14/98	1487	240	RTA00000610F.p.17.1	M00004154D:F11
241	5/14/98	1487	241	RTA00000584F.d.11.1	M00001383C:C07
242	5/14/98	1487	242	RTA00000610F.e.07.1	M00004114C:F02
243	5/14/98	1487	243	RTA00000610F.b.17.1	M00004103B:C09
244	5/14/98	1487	244	RTA00000596F.c.05.1	M00001669A:H11
245	5/14/98	1487	245	RTA00000586F.b.17.1	M00001458B:F06
246	5/14/98	1487	246	RTA00000607F.l.16.1	M00003939A:A02
247	5/14/98	1487	247	RTA00000590F.f.18.2	M00004446A:G01
248	5/14/98	1487	248	RTA00000603F.b.07.1	M00004242C:C01
249	5/14/98	1487	249	RTA00000589F.f.11.1	M00004066A:E12
250	5/14/98	1487	250	RTA00000589F.j.09.1	M00004115A:G09
251	5/14/98	1487	251	RTA00000583F.a.18.1	M00001339B:E05
252	5/14/98	1487	252	RTA00000612F.f.23.3	M00004239C:C09
253	5/14/98	1487	253	RTA00000597F.o.12.1	M00003818C:E09
254	5/14/98	1487	254	RTA00000607F.b.05.2	M00003896B:F08
255	5/14/98	1487	255	RTA00000607F.e.23.2	M00003912C:C11
256	5/14/98	1487	256	RTA00000586F.m.11.1	M00001499A:D05
257	5/14/98	1487	257	RTA00000585F.g.18.2	M00001431A:C10
258	5/14/98	1487	258	RTA00000614F.d.07.1	M00004403A:B05
259	5/14/98	1487	259	RTA00000606F.c.23.1	M00003832B:G03
260	5/14/98	1487	260	RTA00000609F.d.13.1	M00004055B:F06
261	5/14/98	1487	261	RTA00000606F.c.04.1	M00003829A:E02
262	5/14/98	1487	262	RTA00000587F.f.02.1	M00001542C:F06
263	5/14/98	1487	263	RTA00000585F.e.14.2	M00001426A:C02
264	5/14/98	1487	264	RTA00000584F.o.03.2	M00001406D:H01
265	5/14/98	1487	265	RTA00000614F.m.24.1	M00004501A:G06
266	5/14/98	1487	266	RTA00000586F.j.21.1	M00001489D:C08
267	5/14/98	1487	267	RTA00000585F.d.02.2	M00001421C:A03
268	5/14/98	1487	268	RTA00000597F.o.19.1	M00003819D:G09
269	5/14/98	1487	269	RTA00000613F.h.02.1	M00004328A:H06
270	5/14/98	1487	270	RTA00000612F.m.08.2	M00004273D:E11
271	5/14/98	1487	271	RTA00000606F.g.04.1	M00003844C:H05
272	5/14/98	1487	272	RTA00000608F.h.04.2	M00003992D:G01
273	5/14/98	1487	273	RTA00000609F.e.19.3	M00004059A:G09
274	5/14/98	1487	274	RTA00000613F.c.10.1	M00004297D:B08
275	5/14/98	1487	275	RTA00000587F.d.24.1	M00001539B:B01
276	5/14/98	1487	276	RTA00000597F.a.22.5	M00003769D:G12
277	5/14/98	1487	277	RTA00000595F.m.11.1	M00001644D:F09
278	5/14/98	1487	278	RTA00000613F.k.05.1	M00004346B:D06
279	5/14/98	1487	279	RTA00000611F.n.15.2	M00004200A:G06

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
280	5/14/98	1487	280	RTA00000609F.m.20.2	M00004085B:G06
281	5/14/98	1487	281	RTA00000609F.c.08.1	M00004051C:D10
282	5/14/98	1487	282	RTA00000586F.k.13.1	M00001491C:C01
283	5/14/98	1487	283	RTA00000595F.i.16.1	M00001623D:A09
284	5/14/98	1487	284	RTA00000588F.j.17.3	M00003839D:G06
285	5/14/98	1487	285	RTA00000610F.i.05.1	M00004129A:H08
286	5/14/98	1487	286	RTA00000596F.o.14.1	M00003762A:D11
287	5/14/98	1487	287	RTA00000583F.e.15.1	M00001347B:H01
288	5/14/98	1487	288	RTA00000584F.a.01.2	M00001376B:C11
289	5/14/98	1487	289	RTA00000597F.c.10.4	M00003773D:C02
290	5/14/98	1487	290	RTA00000595F.d.20.1	M00001604B:D09
291	5/14/98	1487	291	RTA00000609F.m.04.2	M00004084A:D11
292	5/14/98	1487	292	RTA00000589F.b.08.1	M00003988C:A06
293	5/14/98	1487	293	RTA00000583F.k.13.3	M00001362B:A09
294	5/14/98	1487	294	RTA00000606F.b.07.1	M00003825C:B02
295	5/14/98	1487	295	RTA00000583F.a.17.1	M00001339B:A03
296	5/14/98	1487	296	RTA00000611F.o.09.5	M00004201D:E12
297	5/14/98	1487	297	RTA00000610F.j.15.1	M00004134C:B11
298	5/14/98	1487	298	RTA00000608F.e.21.1	M00003985A:C01
299	5/14/98	1487	299	RTA00000614F.k.08.1	M00004467A:F09
300	5/14/98	1487	300	RTA00000610F.p.11.1	M00004153D:E06
301	5/14/98	1487	301	RTA00000595F.l.14.1	M00001639A:A04
302	5/14/98	1487	302	RTA00000596F.m.03.1	M00003752A:B06
303	5/14/98	1487	303	RTA00000595F.n.06.2	M00001647C:C07
304	5/14/98	1487	304	RTA00000596F.e.22.2	M00001679C:F03
305	5/14/98	1487	305	RTA00000607F.c.18.2	M00003905C:E10
306	5/14/98	1487	306	RTA00000597F.o.15.1	M00003819A:B09
307	5/14/98	1487	307	RTA00000584F.f.10.1	M00001387D:C07
308	5/14/98	1487	308	RTA00000597F.b.07.5	M00003771A:G09
309	5/14/98	1487	309	RTA00000584F.m.17.1	M00001403B:A01
310	5/14/98	1487	310	RTA00000608F.g.08.2	M00003989C:F01
311	5/14/98	1487	311	RTA00000587F.o.03.1	M00001575A:H02
312	5/14/98	1487	312	RTA00000597F.m.10.1	M00003812D:E08
313	5/14/98	1487	313	RTA00000596F.l.10.1	M00003749D:G07
314	5/14/98	1487	314	RTA00000584F.h.08.1	M00001391D:A07
315	5/14/98	1487	315	RTA00000587F.f.07.1	M00001543A:F01
316	5/14/98	1487	316	RTA00000595F.b.04.1	M00001589D:G10
317	5/14/98	1487	317	RTA00000590F.d.17.1	M00004345A:H06
318	5/14/98	1487	318	RTA00000612F.i.07.2	M00004268D:G07
319	5/14/98	1487	319	RTA00000607F.e.15.2	M00003911C:G05

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
320	5/14/98	1487	320	RTA00000614F.i.23.1	M00004449D:H01
321	5/14/98	1487	321	RTA00000612F.l.08.2	M00004269A:B11
322	5/14/98	1487	322	RTA00000608F.n.23.1	M00004038C:C05
323	5/14/98	1487	323	RTA00000583F.e.11.1	M00001347A:G06
324	5/14/98	1487	324	RTA00000612F.e.10.3	M00004234B:E03
325	5/14/98	1487	325	RTA00000609F.o.20.1	M00004091C:F04
326	5/14/98	1487	326	RTA00000583F.d.19.1	M00001346B:A07
327	5/14/98	1487	327	RTA00000609F.o.16.2	M00004091B:C12
328	5/14/98	1487	328	RTA00000586F.a.23.1	M00001456C:F02
329	5/14/98	1487	329	RTA00000583F.j.04.3	M00001359A:B07
330	5/14/98	1487	330	RTA00000585F.a.02.3	M00001412D:C03
331	5/14/98	1487	331	RTA00000606F.o.02.1	M00003884B:E06
332	5/14/98	1487	332	RTA00000609F.m.09.2	M00004084C:G04
333	5/14/98	1487	333	RTA00000606F.b.10.1	M00003826B:D01
334	5/14/98	1487	334	RTA00000596F.k.19.1	M00003748B:B06
335	5/14/98	1487	335	RTA00000596F.o.17.1	M00003763B:D03
336	5/14/98	1487	336	RTA00000611F.g.23.1	M00004180B:F04
337	5/14/98	1487	337	RTA00000586F.m.05.1	M00001496D:D02
338	5/14/98	1487	338	RTA00000612F.n.03.2	M00004277B:C06
339	5/14/98	1487	339	RTA00000585F.b.18.3	M00001417B:E01
340	5/14/98	1487	340	RTA00000606F.b.03.1	M00003825B:A05
341	5/14/98	1487	341	RTA00000583F.n.05.1	M00001370B:B04
342	5/14/98	1487	342	RTA00000607F.o.10.2	M00003961B:A12
343	5/14/98	1487	343	RTA00000613F.c.13.1	M00004297D:E08
344	5/14/98	1487	344	RTA00000595F.f.14.1	M00001610B:A01
345	5/14/98	1487	345	RTA00000608F.a.10.3	M00003973A:C05
346	5/14/98	1487	346	RTA00000609F.j.05.3	M00004075A:G10
347	5/14/98	1487	347	RTA00000586F.d.01.1	M00001463C:A01
348	5/14/98	1487	348	RTA00000612F.h.03.3	M00004245A:G09
349	5/14/98	1487	349	RTA00000596F.e.18.2	M00001678D:A12
350	5/14/98	1487	350	RTA00000606F.g.18.1	M00003846B:H02
351	5/14/98	1487	351	RTA00000597F.c.07.4	M00003773B:G08
352	5/14/98	1487	352	RTA00000610F.e.15.1	M00004117B:F01
353	5/14/98	1487	353	RTA00000595F.h.07.1	M00001618C:E06
354	5/14/98	1487	354	RTA00000597F.f.17.1	M00003786D:C06
355	5/14/98	1487	355	RTA00000606F.l.10.1	M00003868B:C07
356	5/14/98	1487	356	RTA00000586F.g.20.1	M00001478A:B06
357	5/14/98	1487	357	RTA00000606F.b.05.1	M00003825B:D12
358	5/14/98	1487	358	RTA00000588F.p.09.2	M00003972B:A11
359	5/14/98	1487	359	RTA00000595F.d.05.1	M00001599A:H09

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
360	5/14/98	1487	360	RTA00000587F.n.19.1	M00001572C:E07
361	5/14/98	1487	361	RTA00000590F.a.02.1	M00004240D:E06
362	5/14/98	1487	362	RTA00000587F.m.18.1	M00001569B:F04
363	5/14/98	1487	363	RTA00000583F.k.09.3	M00001362A:C10
364	5/14/98	1487	364	RTA00000608F.a.23.1	M00003974B:A04
365	5/14/98	1487	365	RTA00000597F.e.22.1	M00003784C:B09
366	5/14/98	1487	366	RTA00000583F.e.21.1	M00001348A:G04
367	5/14/98	1487	367	RTA00000607F.e.20.2	M00003912B:G11
368	5/14/98	1487	368	RTA00000614F.b.16.1	M00004388C:D05
369	5/14/98	1487	369	RTA00000587F.b.03.1	M00001518D:A10
370	5/14/98	1487	370	RTA00000609F.f.02.3	M00004060C:A11
371	5/14/98	1487	371	RTA00000587F.c.20.1	M00001536B:B11
372	5/14/98	1487	372	RTA00000612F.h.05.3	M00004245C:A03
373	5/14/98	1487	373	RTA00000596F.i.13.1	M00001693D:F07
374	5/14/98	1487	374	RTA00000585F.f.01.2	M00001426D:D09
375	5/14/98	1487	375	RTA00000611F.m.07.3	M00004196C:G05
376	5/14/98	1487	376	RTA00000606F.b.08.1	M00003825C:B12
377	5/14/98	1487	377	RTA00000609F.b.10.2	M00004048D:A07
378	5/14/98	1487	378	RTA00000609F.g.13.1	M00004067C:D08
379	5/14/98	1487	379	RTA00000587F.l.11.1	M00001565A:A02
380	5/14/98	1487	380	RTA00000608F.h.07.2	M00003993A:E12
381	5/14/98	1487	381	RTA00000596F.m.21.1	M00003754C:F01
382	5/14/98	1487	382	RTA00000586F.p.11.1	M00001506D:A11
383	5/14/98	1487	383	RTA00000610F.c.01.1	M00004104A:H09
384	5/14/98	1487	384	RTA00000597F.n.10.1	M00003815C:A06
385	5/14/98	1487	385	RTA00000595F.c.14.1	M00001597A:C07
386	5/14/98	1487	386	RTA00000586F.j.09.1	M00001488B:G12
387	5/14/98	1487	387	RTA00000608F.l.20.1	M00004032D:D03
388	5/14/98	1487	388	RTA00000613F.g.13.1	M00004324B:D09
389	5/14/98	1487	389	RTA00000587F.j.21.1	M00001561B:C10
390	5/14/98	1487	390	RTA00000583F.l.16.3	M00001365D:H09
391	5/14/98	1487	391	RTA00000614F.d.16.1	M00004406A:H03
392	5/14/98	1487	392	RTA00000610F.j.11.1	M00004134A:F08
393	5/14/98	1487	393	RTA00000611F.j.11.1	M00004188A:E05
394	5/14/98	1487	394	RTA00000609F.p.14.1	M00004093A:F03
395	5/14/98	1487	395	RTA00000597F.l.18.1	M00003811B:E07
396	5/14/98	1487	396	RTA00000585F.h.03.2	M00001432A:F12
397	5/14/98	1487	397	RTA00000607F.h.23.1	M00003920D:D09
398	5/14/98	1487	398	RTA00000607F.f.23.2	M00003915B:G07
399	5/14/98	1487	399	RTA00000607F.f.18.2	M00003915A:D09

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
400	5/14/98	1487	400	RTA00000609F.i.23.2	M00004073D:B11
401	5/14/98	1487	401	RTA00000612F.f.05.3	M00004236D:F04
402	5/14/98	1487	402	RTA00000597F.o.07.1	M00003818B:A01
403	5/14/98	1487	403	RTA00000611F.o.06.5	M00004201D:C11
404	5/14/98	1487	404	RTA00000589F.e.05.2	M00004051C:D02
405	5/14/98	1487	405	RTA00000584F.o.07.1	M00001407D:H11
406	5/14/98	1487	406	RTA00000608F.e.06.1	M00003983A:D02
407	5/14/98	1487	407	RTA00000595F.a.22.1	M00001588D:H08
408	5/14/98	1487	408	RTA00000611F.c.03.2	M00004164D:D02
409	5/14/98	1487	409	RTA00000585F.c.03.2	M00001418A:C02
410	5/14/98	1487	410	RTA00000611F.b.07.1	M00004161B:A12
411	5/14/98	1487	411	RTA00000587F.g.09.2	M00001546B:H01
412	5/14/98	1487	412	RTA00000611F.c.11.2	M00004165C:E09
413	5/14/98	1487	413	RTA00000610F.c.18.1	M00004108A:D04
414	5/14/98	1487	414	RTA00000611F.i.21.1	M00004186B:E05
415	5/14/98	1487	415	RTA00000597F.e.11.1	M00003782D:F04
416	5/14/98	1487	416	RTA00000586F.m.02.1	M00001496C:H10
417	5/14/98	1487	417	RTA00000585F.b.20.3	M00001417C:A09
418	5/14/98	1487	418	RTA00000606F.n.15.1	M00003881D:D09
419	5/14/98	1487	419	RTA00000611F.h.17.2	M00004183A:D06
420	5/14/98	1487	420	RTA00000609F.c.15.1	M00004052C:A08
421	5/14/98	1487	421	RTA00000614F.m.10.1	M00004497C:E09
422	5/14/98	1487	422	RTA00000612F.c.08.2	M00004218D:F12
423	5/14/98	1487	423	RTA00000613F.h.22.1	M00004332C:E09
424	5/14/98	1487	424	RTA00000587F.f.05.1	M00001543A:D03
425	5/14/98	1487	425	RTA00000585F.k.04.1	M00001438A:H10
426	5/14/98	1487	426	RTA00000585F.k.15.1	M00001439B:F10
427	5/14/98	1487	427	RTA00000609F.p.04.1	M00004092A:D04
428	5/14/98	1487	428	RTA00000585F.j.01.1	M00001435C:H05
429	5/14/98	1487	429	RTA00000587F.a.20.1	M00001517D:C03
430	5/14/98	1487	430	RTA00000609F.f.04.3	M00004060D:A07
431	5/14/98	1487	431	RTA00000611F.k.13.2	M00004190D:A10
432	5/14/98	1487	432	RTA00000586F.f.08.2	M00001471C:G03
433	5/14/98	1487	433	RTA00000585F.i.14.1	M00001435A:G01
434	5/14/98	1487	434	RTA00000614F.b.08.1	M00004385C:B11
435	5/14/98	1487	435	RTA00000609F.o.04.2	M00004089A:G03
436	5/14/98	1487	436	RTA00000583F.n.03.1	M00001370A:B01
437	5/14/98	1487	437	RTA00000584F.j.05.1	M00001396C:G02
438	5/14/98	1487	438	RTA00000608F.a.16.2	M00003973B:H06
439	5/14/98	1487	439	RTA00000583F.b.15.1	M00001341A:A11



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
440	5/14/98	1487	440	RTA00000596F.a.22.1	M00001659D:G08
441	5/14/98	1487	441	RTA00000589F.c.15.1	M00004030A:G12
442	5/14/98	1487	442	RTA00000610F.o.03.1	M00004149B:H12
443	5/14/98	1487	443	RTA00000596F.e.06.2	M00001677A:A12
444	5/14/98	1487	444	RTA00000607F.p.01.2	M00003965A:F07
445	5/14/98	1487	445	RTA00000611F.c.16.2	M00004166A:F02
446	5/14/98	1487	446	RTA00000611F.b.01.1	M00004159D:H07
447	5/14/98	1487	447	RTA00000612F.b.12.2	M00004217A:A11
448	5/14/98	1487	448	RTA00000584F.h.09.1	M00001391D:A09
449	5/14/98	1487	449	RTA00000612F.g.18.3	M00004242C:C02
450	5/14/98	1487	450	RTA00000609F.b.18.2	M00004049D:G04
451	5/14/98	1487	451	RTA00000608F.f.17.1	M00003987D:F06
452	5/14/98	1487	452	RTA00000589F.e.21.2	M00004058B:F12
453	5/14/98	1487	453	RTA00000606F.j.07.1	M00003857C:A03
454	5/14/98	1487	454	RTA00000610F.b.21.1	M00004103C:F11
455	5/14/98	1487	455	RTA00000611F.c.22.2	M00004166D:G07
456	5/14/98	1487	456	RTA00000583F.d.04.1	M00001344D:G11
457	5/14/98	1487	457	RTA00000610F.h.08.1	M00004126B:G02
458	5/14/98	1487	458	RTA00000596F.a.06.1	M00001658B:C07
459	5/14/98	1487	459	RTA00000612F.o.10.2	M00004281B:B05
460	5/14/98	1487	460	RTA00000610F.l.22.1	M00004143A:G12
461	5/14/98	1487	461	RTA00000612F.o.09.2	M00004281B:B03
462	5/14/98	1487	462	RTA00000596F.f.09.2	M00001681A:H09
463	5/14/98	1487	463	RTA00000607F.p.13.2	M00003970A:G10
464	5/14/98	1487	464	RTA00000610F.e.11.1	M00004115C:H04
465	5/14/98	1487	465	RTA00000611F.b.02.1	M00004160A:A01
466	5/14/98	1487	466	RTA00000608F.j.24.1	M00004027C:H01
467	5/14/98	1487	467	RTA00000614F.k.22.1	M00004470C:A02
468	5/14/98	1487	468	RTA00000612F.h.09.3	M00004247A:E01
469	5/14/98	1487	469	RTA00000587F.f.01.1	M00001542C:D10
470	5/14/98	1487	470	RTA00000608F.d.04.1	M00003980C:G10
471	5/14/98	1487	471	RTA00000585F.m.16.2	M00001443D:C03
472	5/14/98	1487	472	RTA00000613F.c.17.1	M00004298B:D04
473	5/14/98	1487	473	RTA00000613F.h.19.1	M00004332B:D02
474	5/14/98	1487	474	RTA00000609F.d.07.1	M00004054B:G02
475	5/14/98	1487	475	RTA00000606F.o.17.1	M00003887B:C03
476	5/14/98	1487	476	RTA00000585F.n.10.1	M00001445B:E03
477	5/14/98	1487	477	RTA00000612F.p.04.2	M00004284B:F07
478	5/14/98	1487	478	RTA00000589F.c.02.1	M00003997B:H04
479	5/14/98	1487	479	RTA00000608F.p.16.1	M00004044A:F08

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
480	5/14/98	1487	480	RTA00000597F.n.12.1	M00003815D:D01
481	5/14/98	1487	481	RTA00000608F.l.10.1	M00004031A:G05
482	5/14/98	1487	482	RTA00000606F.o.05.1	M00003884D:A12
483	5/14/98	1487	483	RTA00000587F.j.05.1	M00001558B:A12
484	5/14/98	1487	484	RTA00000584F.d.15.1	M00001384A:C09
485	5/14/98	1487	485	RTA00000612F.n.22.1	M00004279D:E02
486	5/14/98	1487	486	RTA00000585F.m.13.2	M00001443D:A01
487	5/14/98	1487	487	RTA00000586F.m.22.1	M00001500A:D09
488	5/14/98	1487	488	RTA00000608F.i.17.1	M00003997D:G11
489	5/14/98	1487	489	RTA00000614F.k.04.1	M00004466A:E09
490	5/14/98	1487	490	RTA00000608F.n.15.1	M00004037C:C05
491	5/14/98	1487	491	RTA00000610F.m.06.1	M00004143C:F08
492	5/14/98	1487	492	RTA00000585F.d.12.2	M00001422D:D02
493	5/14/98	1487	493	RTA00000608F.b.19.1	M00003976D:D12
494	5/14/98	1487	494	RTA00000596F.k.06.1	M00003745C:E03
495	5/14/98	1487	495	RTA00000609F.o.14.2	M00004091A:E01
496	5/14/98	1487	496	RTA00000607F.m.14.1	M00003949B:A08
497	5/14/98	1487	497	RTA00000606F.f.08.1	M00003841B:D05
498	5/14/98	1487	498	RTA00000583F.l.14.3	M00001365D:D12
499	5/14/98	1487	499	RTA00000614F.g.04.1	M00004419D:G01
500	5/14/98	1487	500	RTA00000610F.m.21.1	M00004145C:A03
501	5/14/98	1487	501	RTA00000585F.d.16.1	M00001423C:D06
502	5/14/98	1487	502	RTA00000588F.o.05.2	M00003918C:E07
503	5/14/98	1487	503	RTA00000585F.b.04.3	M00001415D:E12
504	5/14/98	1487	504	RTA00000588F.d.21.1	M00001687C:A06
505	5/14/98	1487	505	RTA00000595F.g.16.1	M00001614C:G04
506	5/14/98	1487	506	RTA00000612F.i.18.2	M00004253B:F06
507	5/14/98	1487	507	RTA00000612F.e.12.1	M00004234B:G06
508	5/14/98	1487	508	RTA00000583F.p.08.1	M00001374D:D09
509	5/14/98	1487	509	RTA00000608F.b.04.1	M00003974C:A05
510	5/14/98	1487	510	RTA00000596F.l.07.1	M00003749B:C08
511	5/14/98	1487	511	RTA00000597F.l.02.1	M00003809A:H12
512	5/14/98	1487	512	RTA00000595F.j.05.1	M00001626C:C10
513	5/14/98	1487	513	RTA00000586F.k.18.1	M00001491D:E07
514	5/14/98	1487	514	RTA00000608F.p.07.1	M00004041D:E06
515	5/14/98	1487	515	RTA00000596F.m.07.1	M00003752D:D09
516	5/14/98	1487	516	RTA00000588F.l.20.2	M00003859C:B09
517	5/14/98	1487	517	RTA00000614F.a.20.1	M00004383A:F02
518	5/14/98	1487	518	RTA00000597F.i.20.1	M00003799B:D02
519	5/14/98	1487	519	RTA00000611F.n.14.3	M00004200A:A09

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
520	5/14/98	1487	520	RTA00000586F.m.10.1	M00001499A:D01
521	5/14/98	1487	521	RTA00000607F.i.06.4	M00003921D:C06
522	5/14/98	1487	522	RTA00000585F.p.19.2	M00001453B:F08
523	5/14/98	1487	523	RTA00000583F.c.06.1	M00001342C:A04
524	5/14/98	1487	524	RTA00000595F.p.20.1	M00001656D:F11
525	5/14/98	1487	525	RTA00000606F.g.02.1	M00003844C:D04
526	5/14/98	1487	526	RTA00000606F.d.10.1	M00003834A:A03
527	5/14/98	1487	527	RTA00000597F.f.21.1	M00003787B:D07
528	5/14/98	1487	528	RTA00000613F.h.17.1	M00004331D:H08
529	5/14/98	1487	529	RTA00000612F.h.19.3	M00004249D:G02
530	5/14/98	1487	530	RTA00000589F.h.23.1	M00004091B:G04
531	5/14/98	1487	531	RTA00000614F.e.06.1	M00004408D:A10
532	5/14/98	1487	532	RTA00000612F.j.20.2	M00004262C:C01
533	5/14/98	1487	533	RTA00000597F.m.07.1	M00003812B:F08
534	5/14/98	1487	534	RTA00000589F.j.08.1	M00004115A:F01
535	5/14/98	1487	535	RTA00000609F.g.16.1	M00004068A:F02
536	5/14/98	1487	536	RTA00000587F.i.18.1	M00001556D:A11
537	5/14/98	1487	537	RTA00000610F.c.05.1	M00004104D:C09
538	5/14/98	1487	538	RTA00000607F.o.16.2	M00003963B:D12
539	5/14/98	1487	539	RTA00000585F.i.08.1	M00001434C:D05
540	5/14/98	1487	540	RTA00000584F.a.15.2	M00001377A:E01
541	5/14/98	1487	541	RTA00000611F.p.24.2	M00004210A:B09
542	5/14/98	1487	542	RTA00000607F.a.13.3	M00003893C:D12
543	5/14/98	1487	543	RTA00000612F.f.03.1	M00004236D:E07
544	5/14/98	1487	544	RTA00000606F.p.14.1	M00003890B:H07
545	5/14/98	1487	545	RTA00000612F.j.17.2	M00004260C:E10
546	5/14/98	1487	546	RTA00000585F.c.24.2	M00001421A:H07
547	5/14/98	1487	547	RTA00000607F.i.24.2	M00003926B:E03
548	5/14/98	1487	548	RTA00000609F.e.15.3	M00004058C:E08
549	5/14/98	1487	549	RTA00000584F.p.18.1	M00001411C:G02
550	5/14/98	1487	550	RTA00000610F.i.10.1	M00004130C:A09
551	5/14/98	1487	551	RTA00000585F.b.17.3	M00001417B:C07
552	5/14/98	1487	552	RTA00000586F.o.12.1	M00001504C:H11
553	5/14/98	1487	553	RTA00000608F.g.24.1	M00003992C:G01
554	5/14/98	1487	554	RTA00000584F.e.20.1	M00001387A:A04
555	5/14/98	1487	555	RTA00000588F.j.23.3	M00003843A:B01
556	5/14/98	1487	556	RTA00000585F.b.21.3	M00001417C:E02
557	5/14/98	1487	557	RTA00000584F.o.08.1	M00001408A:B02
558	5/14/98	1487	558	RTA00000587F.k.22.1	M00001563C:D06
559	5/14/98	1487	559	RTA00000608F.a.07.3	M00003972C:F02

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
560	5/14/98	1487	560	RTA00000597F.c.04.4	M00003773B:E09
561	5/14/98	1487	561	RTA00000596F.c.06.1	M00001669B:A03
562	5/14/98	1487	562	RTA00000588F.o.01.2	M00003912C:H01
563	5/14/98	1487	563	RTA00000597F.i.16.1	M00003797D:H06
564	5/14/98	1487	564	RTA00000583F.n.07.1	M00001370B:D04
565	5/14/98	1487	565	RTA00000597F.f.07.1	M00003785D:E01
566	5/14/98	1487	566	RTA00000587F.f.06.1	M00001543A:E04
567	5/14/98	1487	567	RTA00000614F.o.11.1	M00004509A:H02
568	5/14/98	1487	568	RTA00000597F.b.16.5	M00003771D:A10
569	5/14/98	1487	569	RTA00000608F.m.19.1	M00004035B:H11
570	5/14/98	1487	570	RTA00000597F.k.21.1	M00003808C:D09
571	5/14/98	1487	571	RTA00000584F.o.13.1	M00001409C:D01
572	5/14/98	1487	572	RTA00000588F.n.10.3	M00003895D:A03
573	5/14/98	1487	573	RTA00000589F.h.17.1	M00004089A:F02
574	5/14/98	1487	574	RTA00000609F.h.13.1	M00004069D:G02
575	5/14/98	1487	575	RTA00000608F.p.15.1	M00004043D:C10
576	5/14/98	1487	576	RTA00000595F.l.16.1	M00001640A:F02
577	5/14/98	1487	577	RTA00000585F.j.21.1	M00001437B:B05
578	5/14/98	1487	578	RTA00000595F.o.01.2	M00001649B:E08
579	5/14/98	1487	579	RTA00000606F.c.03.1	M00003829A:B08
580	5/14/98	1487	580	RTA00000583F.n.04.1	M00001370A:G09
581	5/14/98	1487	581	RTA00000596F.p.20.1	M00003766B:G04
582	5/14/98	1487	582	RTA00000611F.c.20.2	M00004166C:A03
583	5/14/98	1487	583	RTA00000584F.l.19.1	M00001399D:F09
584	5/14/98	1487	584	RTA00000589F.p.23.1	M00004239C:A07
585	5/14/98	1487	585	RTA00000607F.c.09.2	M00003903C:H03
586	5/14/98	1487	586	RTA00000585F.p.23.2	M00001453D:F09
587	5/14/98	1487	587	RTA00000596F.j.13.1	M00003741A:E01
588	5/14/98	1487	588	RTA00000584F.m.03.1	M00001400D:B08
589	5/14/98	1487	589	RTA00000595F.o.03.2	M00001649D:H05
590	5/14/98	1487	590	RTA00000589F.j.03.1	M00004109B:A01
591	5/14/98	1487	591	RTA00000610F.c.14.1	M00004107C:A01
592	5/14/98	1487	592	RTA00000614F.f.02.1	M00004412B:E03
593	5/14/98	1487	593	RTA00000608F.b.23.1	M00003977C:A08
594	5/14/98	1487	594	RTA00000597F.i.06.1	M00003796B:C07
595	5/14/98	1487	595	RTA00000609F.n.20.1	M00004087C:F05
596	5/14/98	1487	596	RTA00000597F.c.08.2	M00003773C:G06
597	5/14/98	1487	597	RTA00000612F.c.05.2	M00004218C:G10
598	5/14/98	1487	598	RTA00000589F.o.14.1	M00004202B:A02
599	5/14/98	1487	599	RTA00000609F.h.15.1	M00004071A:H03

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
600	5/14/98	1487	600	RTA00000596F.p.15.1	M00003765D:E02
601	5/14/98	1487	601	RTA00000597F.k.22.1	M00003809A:A12
602	5/14/98	1487	602	RTA00000608F.k.09.1	M00004028C:D01
603	5/14/98	1487	603	RTA00000612F.p.23.2	M00004287C:B06
604	5/14/98	1487	604	RTA00000610F.n.02.1	M00004146D:A07
605	5/14/98	1487	605	RTA00000587F.h.19.2	M00001551D:C12
606	5/14/98	1487	606	RTA00000607F.k.18.1	M00003934D:F01
607	5/14/98	1487	607	RTA00000588F.m.10.3	M00003868D:F07
608	5/14/98	1487	608	RTA00000612F.p.21.1	M00004287B:B12
609	5/14/98	1487	609	RTA00000585F.m.08.1	M00001443A:E02
610	5/14/98	1487	610	RTA00000612F.d.01.1	M00004225D:F01
611	5/14/98	1487	611	RTA00000596F.d.20.1	M00001675C:B03
612	5/14/98	1487	612	RTA00000611F.k.12.2	M00004190C:G07
613	5/14/98	1487	613	RTA00000612F.j.11.2	M00004257C:A08
614	5/14/98	1487	614	RTA00000614F.j.16.1	M00004463C:F11
615	5/14/98	1487	615	RTA00000611F.k.15.3	M00004190D:G12
616	5/14/98	1487	616	RTA00000612F.j.01.2	M00004253D:F09
617	5/14/98	1487	617	RTA00000606F.o.23.1	M00003888B:A10
618	5/14/98	1487	618	RTA00000606F.i.13.1	M00003852D:D03
619	5/14/98	1487	619	RTA00000588F.i.22.3	M00003833D:D06
620	5/14/98	1487	620	RTA00000585F.j.03.1	M00001435D:A06
621	5/14/98	1487	621	RTA00000608F.i.21.1	M00003998A:G12
622	5/14/98	1487	622	RTA00000584F.o.02.1	M00001406D:B06
623	5/14/98	1487	623	RTA00000608F.m.17.1	M00004035B:F05
624	5/14/98	1487	624	RTA00000612F.k.08.2	M00004263D:F06
625	5/14/98	1487	625	RTA00000608F.p.20.1	M00004045A:B12
626	5/14/98	1487	626	RTA00000610F.n.07.1	M00004147A:G03
627	5/14/98	1487	627	RTA00000608F.j.17.1	M00004027A:B10
628	5/14/98	1487	628	RTA00000596F.n.23.1	M00003759A:E10
629	5/14/98	1487	629	RTA00000612F.a.17.2	M00004214A:D03
630	5/14/98	1487	630	RTA00000612F.i.17.2	M00004253B:A10
631	5/14/98	1487	631	RTA00000585F.p.15.2	M00001452D:E05
632	5/14/98	1487	632	RTA00000614F.m.15.1	M00004498B:E01
633	5/14/98	1487	633	RTA00000607F.a.08.3	M00003892D:D04
634	5/14/98	1487	634	RTA00000606F.p.16.1	M00003890D:C03
635	5/14/98	1487	635	RTA00000610F.j.12.1	M00004134A:H04
636	5/14/98	1487	636	RTA00000608F.o.16.1	M00004040C:G12
637	5/14/98	1487	637	RTA00000588F.o.20.2	M00003958C:C10
638	5/14/98	1487	638	RTA00000585F.p.06.2	M00001451B:H11
639	5/14/98	1487	639	RTA00000610F.j.05.1	M00004133D:A01

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
640	5/14/98	1487	640	RTA00000606F.e.17.1	M00003839C:B05
641	5/14/98	1487	641	RTA00000609F.n.05.1	M00004086A:A03
642	5/14/98	1487	642	RTA00000614F.p.22.1	M00004609C:C11
643	5/14/98	1487	643	RTA00000585F.h.16.2	M00001433A:F04
644	5/14/98	1487	644	RTA00000611F.n.02.3	M00004198D:H04
645	5/14/98	1487	645	RTA00000614F.p.06.1	M00004605C:A09
646	5/14/98	1487	646	RTA00000584F.l.17.1	M00001399D:F01
647	5/14/98	1487	647	RTA00000584F.p.17.1	M00001411C:F02
648	5/14/98	1487	648	RTA00000595F.l.17.1	M00001640A:F04
649	5/14/98	1487	649	RTA00000583F.h.07.1	M00001353B:D11
650	5/14/98	1487	650	RTA00000585F.l.19.1	M00001442A:D08
651	5/14/98	1487	651	RTA00000610F.i.13.1	M00004130D:E04
652	5/14/98	1487	652	RTA00000608F.n.05.1	M00004036B:F09
653	5/14/98	1487	653	RTA00000612F.m.19.1	M00004276C:E12
654	5/14/98	1487	654	RTA00000595F.h.22.1	M00001621C:A04
655	5/14/98	1487	655	RTA00000608F.j.12.1	M00003999C:C12
656	5/14/98	1487	656	RTA00000608F.k.07.2	M00004028C:B04
657	5/14/98	1487	657	RTA00000608F.o.12.1	M00004040B:B09
658	5/14/98	1487	658	RTA00000597F.a.08.5	M00003767C:F04
659	5/14/98	1487	659	RTA00000585F.i.23.1	M00001435C:G08
660	5/14/98	1487	660	RTA00000586F.j.06.1	M00001487D:G03
661	5/14/98	1487	661	RTA00000608F.b.15.1	M00003976C:C05
662	5/14/98	1487	662	RTA00000609F.h.06.1	M00004069B:B01
663	5/14/98	1487	663	RTA00000612F.h.13.3	M00004248A:G08
664	5/14/98	1487	664	RTA00000611F.j.08.1	M00004187C:H09
665	5/14/98	1487	665	RTA00000609F.j.18.1	M00004076A:E02
666	5/14/98	1487	666	RTA00000608F.p.01.1	M00004041B:F01
667	5/14/98	1487	667	RTA00000584F.m.16.1	M00001402D:H03
668	5/14/98	1487	668	RTA00000589F.d.04.1	M00004036C:D01
669	5/14/98	1487	669	RTA00000612F.p.12.2	M00004285B:E01
670	5/14/98	1487	670	RTA00000589F.e.09.1	M00004052C:B05
671	5/14/98	1487	671	RTA00000584F.m.11.1	M00001402C:E09
672	5/14/98	1487	672	RTA00000595F.i.18.1	M00001624A:A09
673	5/14/98	1487	673	RTA00000609F.k.04.2	M00004078A:F03
674	5/14/98	1487	674	RTA00000611F.n.17.2	M00004200B:B04
675	5/14/98	1487	675	RTA00000595F.j.03.1	M00001626B:H05
676	5/14/98	1487	676	RTA00000611F.o.11.3	M00004202B:F04
677	5/14/98	1487	677	RTA00000597F.e.16.1	M00003783C:A06
678	5/14/98	1487	678	RTA00000583F.d.16.1	M00001346A:B09
679	5/14/98	1487	679	RTA00000589F.l.24.1	M00004159D:C04

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
680	5/14/98	1487	680	RTA00000597F.a.17.2	M00003769B:A04
681	5/14/98	1487	681	RTA00000584F.p.22.1	M00001412A:A11
682	5/14/98	1487	682	RTA00000587F.i.23.1	M00001557B:D10
683	5/14/98	1487	683	RTA00000612F.l.16.2	M00004269D:E08
684	5/14/98	1487	684	RTA00000584F.c.01.1	M00001380C:D10
685	5/14/98	1487	685	RTA00000606F.g.21.1	M00003846D:C12
686	5/14/98	1487	686	RTA00000611F.j.12.1	M00004188A:E10
687	5/14/98	1487	687	RTA00000585F.h.10.2	M00001432C:G01
688	5/14/98	1487	688	RTA00000585F.h.10.1	M00001432C:G01
689	5/14/98	1487	689	RTA00000587F.j.15.1	M00001560C:C01
690	5/14/98	1487	690	RTA00000608F.o.06.1	M00004039D:D03
691	5/14/98	1487	691	RTA00000596F.e.05.2	M00001677A:A06
692	5/14/98	1487	692	RTA00000584F.p.07.1	M00001411A:D01
693	5/14/98	1487	693	RTA00000612F.i.13.2	M00004252D:H08
694	5/14/98	1487	694	RTA00000607F.i.14.4	M00003923A:H07
695	5/14/98	1487	695	RTA00000595F.m.17.2	M00001645B:C09
696	5/14/98	1487	696	RTA00000595F.i.02.1	M00001621D:B09
697	5/14/98	1487	697	RTA00000585F.p.12.2	M00001452B:F09
698	5/14/98	1487	698	RTA00000589F.m.02.1	M00004160A:D07
699	5/14/98	1487	699	RTA00000595F.p.11.1	M00001655A:F07
700	5/14/98	1487	700	RTA00000589F.o.15.1	M00004202B:G09
701	5/14/98	1487	701	RTA00000609F.e.12.3	M00004058B:C11
702	5/14/98	1487	702	RTA00000588F.l.13.2	M00003858A:D01
703	5/14/98	1487	703	RTA00000608F.f.22.2	M00003988B:C10
704	5/14/98	1487	704	RTA00000612F.i.11.2	M00004252D:A07
705	5/14/98	1487	705	RTA00000590F.b.13.1	M00004277D:C08
706	5/14/98	1487	706	RTA00000609F.a.21.2	M00004047B:G09
707	5/14/98	1487	707	RTA00000586F.e.12.1	M00001468D:D11
708	5/14/98	1487	708	RTA00000595F.k.10.1	M00001634C:E12
709	5/14/98	1487	709	RTA00000583F.e.02.1	M00001346C:B07
710	5/14/98	1487	710	RTA00000589F.d.01.1	M00004035D:C05
711	5/14/98	1487	711	RTA00000584F.n.14.1	M00001406A:G12
712	5/14/98	1487	712	RTA00000612F.k.21.2	M00004266B:H06
713	5/14/98	1487	713	RTA00000612F.m.05.1	M00004272D:D02
714	5/14/98	1487	714	RTA00000584F.a.20.2	M00001377C:B08
715	5/14/98	1487	715	RTA00000612F.b.11.2	M00004217A:A05
716	5/14/98	1487	716	RTA00000610F.h.13.1	M00004126D:B11
717	5/14/98	1487	717	RTA00000611F.d.04.1	M00004167C:F10
718	5/14/98	1487	718	RTA00000607F.f.12.2	M00003914C:E03
719	5/14/98	1487	719	RTA00000586F.j.10.1	M00001488B:H02

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
720	5/14/98	1487	720	RTA00000584F.p.20.1	M00001411D:C01
721	5/14/98	1487	721	RTA00000612F.i.19.2	M00004253C:E10
722	5/14/98	1487	722	RTA00000608F.i.09.1	M00003996D:C04
723	5/14/98	1487	723	RTA00000584F.g.09.1	M00001390A:H01
724	5/14/98	1487	724	RTA00000584F.n.12.1	M00001405D:F05
725	5/14/98	1487	725	RTA00000584F.j.12.1	M00001397B:H11
726	5/14/98	1487	726	RTA00000611F.h.21.2	M00004183D:B07
727	5/14/98	1487	727	RTA00000606F.l.23.1	M00003871A:E09
728	5/14/98	1487	728	RTA00000585F.b.01.3	M00001415D:A05
729	5/14/98	1487	729	RTA00000595F.i.13.1	M00001623B:B01
730	5/14/98	1487	730	RTA00000589F.l.22.1	M00004158C:F03
731	5/14/98	1487	731	RTA00000608F.l.14.1	M00004031D:G02
732	5/14/98	1487	732	RTA00000614F.k.18.1	M00004469A:C12
733	5/14/98	1487	733	RTA00000609F.g.19.1	M00004068B:D04
734	5/14/98	1487	734	RTA00000606F.g.05.1	M00003845A:A05
735	5/14/98	1487	735	RTA00000585F.i.03.1	M00001434A:A01
736	5/14/98	1487	736	RTA00000590F.a.15.1	M00004247B:C11
737	5/14/98	1487	737	RTA00000612F.j.15.2	M00004260C:A12
738	5/14/98	1487	738	RTA00000612F.g.13.3	M00004241B:B01
739	5/14/98	1487	739	RTA00000606F.d.21.1	M00003835D:H05
740	5/14/98	1487	740	RTA00000584F.b.06.1	M00001378B:F06
741	5/14/98	1487	741	RTA00000614F.e.17.1	M00004410A:E03
742	5/14/98	1487	742	RTA00000612F.a.13.2	M00004213A:H12
743	5/14/98	1487	743	RTA00000585F.o.10.2	M00001448A:D05
744	5/14/98	1487	744	RTA00000588F.i.14.3	M00003830A:A10
745	5/14/98	1487	745	RTA00000595F.e.10.1	M00001605D:G01
746	5/14/98	1487	746	RTA00000584F.b.06.2	M00001378B:F06
747	5/14/98	1487	747	RTA00000608F.j.05.1	M00003998C:H10
748	5/14/98	1487	748	RTA00000611F.j.24.2	M00004190A:C12
749	5/14/98	1487	749	RTA00000606F.h.12.1	M00003850B:D11
750	5/14/98	1487	750	RTA00000608F.c.22.1	M00003980B:F12
751	5/14/98	1487	751	RTA00000588F.b.03.1	M00001618B:F02
752	5/15/98	1488	1	RTA00000623F.c.23.1	M00007118C:G2
753	5/15/98	1488	2	RTA00000592F.e.05.1	M00005799C:C12
754	5/15/98	1488	3	RTA00000590F.p.04.1	M00005390B:G10
755	5/15/98	1488	4	RTA00000621F.m.13.1	M00006986C:G11
756	5/15/98	1488	5	RTA00000625F.n.12.1	M00006604C:H10
757	5/15/98	1488	6	RTA00000624F.b.01.1	M00005539D:G7
758	5/15/98	1488	7	RTA00000618F.h.12.1	M00006698B:E6
759	5/15/98	1488	8	RTA00000615F.h.16.1	M00005015D:D11



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
760	5/15/98	1488	9	RTA00000618F.l.23.1	M00006721C:G7
761	5/15/98	1488	10	RTA00000619F.n.10.3	M00006820A:G5
762	5/15/98	1488	11	RTA00000621F.o.06.1	M00006992C:G2
763	5/15/98	1488	12	RTA00000619F.c.17.1	M00006756D:E10
764	5/15/98	1488	13	RTA00000615F.i.14.1	M00005294D:H2
765	5/15/98	1488	14	RTA00000617F.k.23.1	M00005496D:A10
766	5/15/98	1488	15	RTA00000623F.e.05.1	M00007125D:E3
767	5/15/98	1488	16	RTA00000617F.c.04.1	M00005456B:B7
768	5/15/98	1488	17	RTA00000623F.a.23.1	M00007107A:D11
769	5/15/98	1488	18	RTA00000619F.f.15.1	M00006770B:C5
770	5/15/98	1488	19	RTA00000626F.f.07.1	M00006650A:A10
771	5/15/98	1488	20	RTA00000624F.h.14.1	M00005621D:F1
772	5/15/98	1488	21	RTA00000617F.f.09.2	M00005469D:C11
773	5/15/98	1488	22	RTA00000620F.b.02.1	M00006835B:F4
774	5/15/98	1488	23	RTA00000616F.k.05.1	M00005415D:G2
775	5/15/98	1488	24	RTA00000617F.a.01.1	M00005447B:D2
776	5/15/98	1488	25	RTA00000592F.f.23.1	M00006587A:H8
777	5/15/98	1488	26	RTA00000623F.h.17.1	M00007150A:C9
778	5/15/98	1488	27	RTA00000622F.b.02.1	M00007010B:H1
779	5/15/98	1488	28	RTA00000621F.p.05.1	M00006995C:A2
780	5/15/98	1488	29	RTA00000620F.j.05.1	M00006884D:D6
781	5/15/98	1488	30	RTA00000623F.h.20.1	M00007150A:H6
782	5/15/98	1488	31	RTA00000590F.p.21.1	M00005399A:D1
783	5/15/98	1488	32	RTA00000622F.c.03.1	M00007013B:F2
784	5/15/98	1488	33	RTA00000623F.f.06.1	M00007132B:B11
785	5/15/98	1488	34	RTA00000617F.e.23.2	M00005468A:D8
786	5/15/98	1488	35	RTA00000623F.n.17.1	M00007204C:F9
787	5/15/98	1488	36	RTA00000619F.a.12.1	M00006743B:G12
788	5/15/98	1488	37	RTA00000621F.n.06.1	M00006989B:C11
789	5/15/98	1488	38	RTA00000623F.a.18.1	M00007105D:C7
790	5/15/98	1488	39	RTA00000624F.a.15.1	M00005534B:H10
791	5/15/98	1488	40	RTA00000625F.h.04.1	M00005810C:D4
792	5/15/98	1488	41	RTA00000591F.g.05.1	M00005460B:D2
793	5/15/98	1488	42	RTA00000620F.i.14.1	M00006882A:D1
794	5/15/98	1488	43	RTA00000624F.a.14.1	M00005534A:G6
795	5/15/98	1488	44	RTA00000621F.h.14.1	M00006960D:E6
796	5/15/98	1488	45	RTA00000617F.k.19.1	M00005494D:F11
797	5/15/98	1488	46	RTA00000625F.d.17.1	M00005763B:H9
798	5/15/98	1488	47	RTA00000620F.l.13.1	M00006901D:A11
799	5/15/98	1488	48	RTA00000623F.g.04.1	M00007140A:F11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
800	5/15/98	1488	49	RTA00000622F.b.03.1	M00007010B:H3
801	5/15/98	1488	50	RTA00000615F.k.17.1	M00005342A:C4
802	5/15/98	1488	51	RTA00000618F.m.11.1	M00006725A:A3
803	5/15/98	1488	52	RTA00000618F.e.06.1	M00006686A:G12
804	5/15/98	1488	53	RTA00000619F.k.08.1	M00006805B:C4
805	5/15/98	1488	54	RTA00000590F.h.23.2	M00004840C:F2
806	5/15/98	1488	55	RTA00000622F.c.09.1	M00007014C:B7
807	5/15/98	1488	56	RTA00000619F.h.17.1	M00006785B:F9
808	5/15/98	1488	57	RTA00000617F.d.01.1	M00005460A:B10
809	5/15/98	1488	58	RTA00000620F.b.17.1	M00006837C:G6
810	5/15/98	1488	59	RTA00000616F.c.13.1	M00005383D:D6
811	5/15/98	1488	60	RTA00000619F.g.16.1	M00006779B:A11
812	5/15/98	1488	61	RTA00000591F.i.12.1	M00005480A:H12
813	5/15/98	1488	62	RTA00000615F.b.20.1	M00004846A:D2
814	5/15/98	1488	63	RTA00000615F.l.18.1	M00005352C:G9
815	5/15/98	1488	64	RTA00000591F.m.19.1	M00005519B:H4
816	5/15/98	1488	65	RTA00000620F.i.10.1	M00006879A:H11
817	5/15/98	1488	66	RTA00000618F.o.02.1	M00006733D:G12
818	5/15/98	1488	67	RTA00000620F.c.18.1	M00006846A:B1
819	5/15/98	1488	68	RTA00000624F.a.07.1	M00005530B:D3
820	5/15/98	1488	69	RTA00000592F.c.10.1	M00005704A:B11
821	5/15/98	1488	70	RTA00000618F.c.04.1	M00006676B:F11
822	5/15/98	1488	71	RTA00000591F.f.04.1	M00005452C:A2
823	5/15/98	1488	72	RTA00000617F.k.22.1	M00005496C:A1
824	5/15/98	1488	73	RTA00000626F.e.02.1	M00006644A:B11
825	5/15/98	1488	74	RTA00000592F.d.09.1	M00005765C:C4
826	5/15/98	1488	75	RTA00000615F.n.23.1	M00005359D:H8
827	5/15/98	1488	76	RTA00000591F.i.15.1	M00005480C:B12
828	5/15/98	1488	77	RTA00000624F.a.11.1	M00005531B:A3
829	5/15/98	1488	78	RTA00000590F.i.01.1	M00004841C:B9
830	5/15/98	1488	79	RTA00000626F.d.05.1	M00006640A:B1
831	5/15/98	1488	80	RTA00000591F.e.19.1	M00005450A:B10
832	5/15/98	1488	81	RTA00000625F.m.06.1	M00006594A:E8
833	5/15/98	1488	82	RTA00000615F.k.22.1	M00005342B:G10
834	5/15/98	1488	83	RTA00000615F.m.11.1	M00005354C:E2
835	5/15/98	1488	84	RTA00000624F.j.16.1	M00005631A:A11
836	5/15/98	1488	85	RTA00000626F.d.07.1	M00006640B:F5
837	5/15/98	1488	86	RTA00000620F.p.19.1	M00006923C:B1
838	5/15/98	1488	87	RTA00000615F.f.10.1	M00004999A:F1
839	5/15/98	1488	88	RTA00000615F.b.19.1	M00004845D:E11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
840	5/15/98	1488	89	RTA00000626F.a.07.1	M00006626A:G11
841	5/15/98	1488	90	RTA00000592F.b.20.1	M00005685B:D8
842	5/15/98	1488	91	RTA00000622F.p.16.1	M00007100C:D1
843	5/15/98	1488	92	RTA00000620F.a.16.1	M00006834A:C8
844	5/15/98	1488	93	RTA00000623F.e.21.1	M00007130B:B3
845	5/15/98	1488	94	RTA00000619F.k.05.1	M00006805A:E11
846	5/15/98	1488	95	RTA00000626F.c.10.1	M00006636D:A5
847	5/15/98	1488	96	RTA00000619F.i.13.1	M00006791B:B8
848	5/15/98	1488	97	RTA00000620F.k.22.1	M00006895D:E10
849	5/15/98	1488	98	RTA00000617F.a.17.1	M00005450D:D2
850	5/15/98	1488	99	RTA00000617F.c.18.1	M00005457D:C8
851	5/15/98	1488	100	RTA00000626F.g.12.1	M00006664B:B4
852	5/15/98	1488	101	RTA00000617F.j.11.1	M00005489A:F6
853	5/15/98	1488	102	RTA00000621F.c.11.1	M00006936B:E9
854	5/15/98	1488	103	RTA00000623F.f.12.1	M00007134B:G7
855	5/15/98	1488	104	RTA00000626F.g.17.1	M00006665A:F7
856	5/15/98	1488	105	RTA00000619F.o.06.4	M00006823D:D12
857	5/15/98	1488	106	RTA00000625F.j.10.1	M00005837A:D12
858	5/15/98	1488	107	RTA00000620F.k.12.1	M00006893C:F2
859	5/15/98	1488	108	RTA00000625F.j.06.1	M00005828D:C9
860	5/15/98	1488	109	RTA00000616F.b.12.1	M00005378A:A8
861	5/15/98	1488	110	RTA00000620F.d.04.1	M00006850C:G7
862	5/15/98	1488	111	RTA00000624F.n.20.1	M00005655D:C4
863	5/15/98	1488	112	RTA00000620F.m.14.1	M00006907C:D3
864	5/15/98	1488	113	RTA00000625F.m.15.1	M00006596D:H4
865	5/15/98	1488	114	RTA00000619F.g.19.1	M00006779D:D3
866	5/15/98	1488	115	RTA00000626F.b.10.1	M00006633D:A6
867	5/15/98	1488	116	RTA00000618F.c.23.1	M00006679C:D7
868	5/15/98	1488	117	RTA00000591F.o.17.1	M00005616B:D5
869	5/15/98	1488	118	RTA00000615F.b.23.1	M00004846D:H9
870	5/15/98	1488	119	RTA00000616F.e.20.1	M00005394A:G7
871	5/15/98	1488	120	RTA00000625F.b.23.1	M00005720B:D9
872	5/15/98	1488	121	RTA00000616F.i.13.4	M00005409D:C2
873	5/15/98	1488	122	RTA00000624F.l.02.1	M00005637D:C5
874	5/15/98	1488	123	RTA00000619F.b.06.1	M00006745D:E8
875	5/15/98	1488	124	RTA00000626F.b.23.1	M00006636A:E6
876	5/15/98	1488	125	RTA00000615F.k.24.1	M00005342D:F3
877	5/15/98	1488	126	RTA00000621F.h.22.1	M00006963A:H11
878	5/15/98	1488	127	RTA00000626F.b.05.1	M00006631D:C4
879	5/15/98	1488	128	RTA00000621F.i.20.2	M00006966D:G3

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
880	5/15/98	1488	129	RTA00000624F.m.10.1	M00005646D:B3
881	5/15/98	1488	130	RTA00000623F.m.19.1	M00007198C:A10
882	5/15/98	1488	131	RTA00000622F.c.12.1	M00007014D:D4
883	5/15/98	1488	132	RTA00000617F.i.08.1	M00005483D:A2
884	5/15/98	1488	133	RTA00000625F.b.07.1	M00005710A:C8
885	5/15/98	1488	134	RTA00000620F.f.23.1	M00006867C:E7
886	5/15/98	1488	135	RTA00000620F.f.15.1	M00006866C:F3
887	5/15/98	1488	136	RTA00000621F.k.17.1	M00006974B:D6
888	5/15/98	1488	137	RTA00000625F.h.18.1	M00005813D:F6
889	5/15/98	1488	138	RTA00000622F.p.17.1	M00007101A:A11
890	5/15/98	1488	139	RTA00000620F.d.08.1	M00006851C:H9
891	5/15/98	1488	140	RTA00000621F.i.14.2	M00006966B:B9
892	5/15/98	1488	141	RTA00000625F.j.19.1	M00006576D:F11
893	5/15/98	1488	142	RTA00000618F.o.23.1	M00006737C:A8
894	5/15/98	1488	143	RTA00000618F.m.12.1	M00006725A:B3
895	5/15/98	1488	144	RTA00000625F.o.19.1	M00006616D:C8
896	5/15/98	1488	145	RTA00000619F.a.18.1	M00006744C:C6
897	5/15/98	1488	146	RTA00000624F.c.15.1	M00005565C:A8
898	5/15/98	1488	147	RTA00000617F.e.13.2	M00005465C:H2
899	5/15/98	1488	148	RTA00000592F.j.06.1	M00006664D:H9
900	5/15/98	1488	149	RTA00000615F.n.18.1	M00005359B:G1
901	5/15/98	1488	150	RTA00000624F.c.02.1	M00005550B:D9
902	5/15/98	1488	151	RTA00000620F.j.10.1	M00006886A:D6
903	5/15/98	1488	152	RTA00000620F.e.07.1	M00006860B:H1
904	5/15/98	1488	153	RTA00000625F.g.07.1	M00005798B:C11
905	5/15/98	1488	154	RTA00000617F.d.22.1	M00005462C:B2
906	5/15/98	1488	155	RTA00000622F.a.12.1	M00007006D:D4
907	5/15/98	1488	156	RTA00000620F.i.11.1	M00006879D:A10
908	5/15/98	1488	157	RTA00000616F.k.03.1	M00005415C:G8
909	5/15/98	1488	158	RTA00000624F.k.17.1	M00005636C:D11
910	5/15/98	1488	159	RTA00000615F.f.11.1	M00004999B:D12
911	5/15/98	1488	160	RTA00000620F.o.07.1	M00006917C:E7
912	5/15/98	1488	161	RTA00000617F.k.11.1	M00005493B:C8
913	5/15/98	1488	162	RTA00000622F.g.04.1	M00007037B:D4
914	5/15/98	1488	163	RTA00000591F.n.04.1	M00005528D:H6
915	5/15/98	1488	164	RTA00000625F.a.16.1	M00005706D:A9
916	5/15/98	1488	165	RTA00000620F.m.18.1	M00006908C:A5
917	5/15/98	1488	166	RTA00000620F.a.04.1	M00006832D:F10
918	5/15/98	1488	167	RTA00000624F.j.20.1	M00005632C:D6
919	5/15/98	1488	168	RTA00000590F.n.19.1	M00005378C:A10

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
920	5/15/98	1488	169	RTA00000626F.c.13.1	M00006636D:F11
921	5/15/98	1488	170	RTA00000617F.f.01.2	M00005468B:D4
922	5/15/98	1488	171	RTA00000621F.i.18.2	M00006966C:B7
923	5/15/98	1488	172	RTA00000617F.a.13.1	M00005450A:A2
924	5/15/98	1488	173	RTA00000591F.m.06.1	M00005513A:D8
925	5/15/98	1488	174	RTA00000615F.g.07.1	M00005004B:C11
926	5/15/98	1488	175	RTA00000616F.o.24.1	M00005442D:C5
927	5/15/98	1488	176	RTA00000617F.a.20.1	M00005451A:E3
928	5/15/98	1488	177	RTA00000626F.a.18.1	M00006629D:D4
929	5/15/98	1488	178	RTA00000616F.c.23.1	M00005385C:D8
930	5/15/98	1488	179	RTA00000623F.m.07.1	M00007193D:A4
931	5/15/98	1488	180	RTA00000620F.h.18.1	M00006875D:D10
932	5/15/98	1488	181	RTA00000615F.l.16.1	M00005352B:D2
933	5/15/98	1488	182	RTA00000592F.c.17.1	M00005708D:B3
934	5/15/98	1488	183	RTA00000616F.c.24.1	M00005385C:G5
935	5/15/98	1488	184	RTA00000619F.l.16.1	M00006813A:C4
936	5/15/98	1488	185	RTA00000622F.c.18.1	M00007015C:G5
937	5/15/98	1488	186	RTA00000620F.p.09.1	M00006921B:E3
938	5/15/98	1488	187	RTA00000626F.f.08.1	M00006650A:B11
939	5/15/98	1488	188	RTA00000621F.h.08.1	M00006960A:G11
940	5/15/98	1488	189	RTA00000591F.g.19.1	M00005466A:F12
941	5/15/98	1488	190	RTA00000623F.m.10.1	M00007195B:B2
942	5/15/98	1488	191	RTA00000619F.j.13.1	M00006796A:H10
943	5/15/98	1488	192	RTA00000619F.f.22.1	M00006771A:H7
944	5/15/98	1488	193	RTA00000622F.m.06.1	M00007075C:D8
945	5/15/98	1488	194	RTA00000623F.i.03.1	M00007154A:E4
946	5/15/98	1488	195	RTA00000625F.k.08.1	M00006581D:H8
947	5/15/98	1488	196	RTA00000615F.c.13.1	M00004854A:C9
948	5/15/98	1488	197	RTA00000619F.j.11.1	M00006796A:C3
949	5/15/98	1488	198	RTA00000619F.o.01.1	M00006822D:F7
950	5/15/98	1488	199	RTA00000590F.h.12.2	M00004826A:E9
951	5/15/98	1488	200	RTA00000623F.d.07.1	M00007121C:H1
952	5/15/98	1488	201	RTA00000616F.f.24.1	M00005397C:B3
953	5/15/98	1488	202	RTA00000625F.o.03.1	M00006609A:G10
954	5/15/98	1488	203	RTA00000619F.k.20.1	M00006807D:D8
955	5/15/98	1488	204	RTA00000625F.n.22.1	M00006607B:F4
956	5/15/98	1488	205	RTA00000625F.n.03.1	M00006601D:F4
957	5/15/98	1488	206	RTA00000619F.c.13.1	M00006756B:B8
958	5/15/98	1488	207	RTA00000625F.g.21.1	M00005805D:E6
959	5/15/98	1488	208	RTA00000620F.g.06.1	M00006868D:E2

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
960	5/15/98	1488	209	RTA00000622F.l.04.1	M00007065B:B12
961	5/15/98	1488	210	RTA00000624F.d.21.1	M00005587B:H2
962	5/15/98	1488	211	RTA00000622F.f.20.1	M00007036A:D2
963	5/15/98	1488	212	RTA00000616F.d.09.1	M00005388A:F7
964	5/15/98	1488	213	RTA00000620F.n.05.1	M00006912B:E1
965	5/15/98	1488	214	RTA00000624F.k.22.1	M00005637B:D12
966	5/15/98	1488	215	RTA00000618F.p.11.1	M00006739B:B12
967	5/15/98	1488	216	RTA00000615F.g.09.1	M00005005C:E6
968	5/15/98	1488	217	RTA00000618F.j.23.1	M00006712B:H10
969	5/15/98	1488	218	RTA00000617F.l.02.1	M00005497B:H7
970	5/15/98	1488	219	RTA00000617F.l.09.1	M00005498B:F8
971	5/15/98	1488	220	RTA00000625F.n.21.1	M00006607B:E3
972	5/15/98	1488	221	RTA00000623F.c.20.1	M00007118B:B4
973	5/15/98	1488	222	RTA00000603F.d.13.1	M00007019A:B1
974	5/15/98	1488	223	RTA00000625F.k.06.1	M00006581C:D2
975	5/15/98	1488	224	RTA00000624F.b.23.1	M00005548B:E3
976	5/15/98	1488	225	RTA00000626F.d.11.1	M00006640D:H8
977	5/15/98	1488	226	RTA00000620F.g.14.1	M00006870C:H6
978	5/15/98	1488	227	RTA00000621F.l.17.1	M00006980A:F2
979	5/15/98	1488	228	RTA00000624F.o.13.1	M00005685A:A4
980	5/15/98	1488	229	RTA00000621F.k.18.1	M00006974B:F6
981	5/15/98	1488	230	RTA00000591F.a.23.1	M00005411D:A3
982	5/15/98	1488	231	RTA00000592F.i.01.1	M00006641C:H2
983	5/15/98	1488	232	RTA00000625F.p.10.1	M00006619B:C11
984	5/15/98	1488	233	RTA00000622F.h.04.1	M00007041B:C5
985	5/15/98	1488	234	RTA00000591F.e.08.1	M00005446A:G1
986	5/15/98	1488	235	RTA00000619F.d.13.1	M00006758D:C4
987	5/15/98	1488	236	RTA00000622F.p.10.1	M00007099A:F9
988	5/15/98	1488	237	RTA00000623F.m.04.1	M00007192C:H8
989	5/15/98	1488	238	RTA00000617F.i.06.1	M00005483A:F5
990	5/15/98	1488	239	RTA00000624F.d.24.1	M00005589C:B3
991	5/15/98	1488	240	RTA00000616F.p.08.1	M00005444B:E11
992	5/15/98	1488	241	RTA00000615F.j.18.1	M00005326B:F3
993	5/15/98	1488	242	RTA00000625F.p.19.1	M00006621A:G10
994	5/15/98	1488	243	RTA00000624F.h.09.1	M00005620C:C5
995	5/15/98	1488	244	RTA00000619F.d.23.1	M00006760D:G12
996	5/15/98	1488	245	RTA00000618F.f.24.1	M00006692B:E4
997	5/15/98	1488	246	RTA00000617F.l.12.1	M00005498C:G5
998	5/15/98	1488	247	RTA00000621F.o.09.1	M00006993B:B9
999	5/15/98	1488	248	RTA00000616F.p.04.1	M00005443D:C12

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1000	5/15/98	1488	249	RTA00000620F.c.08.1	M00006841D:A8
1001	5/15/98	1488	250	RTA00000625F.n.01.1	M00006601C:A7
1002	5/15/98	1488	251	RTA00000617F.k.10.1	M00005493B:A12
1003	5/15/98	1488	252	RTA00000624F.l.11.1	M00005641B:E2
1004	5/15/98	1488	253	RTA00000624F.h.06.1	M00005619C:H10
1005	5/15/98	1488	254	RTA00000624F.h.11.1	M00005621A:G10
1006	5/15/98	1488	255	RTA00000590F.h.07.2	M00004824C:G9
1007	5/15/98	1488	256	RTA00000590F.o.09.1	M00005384A:A1
1008	5/15/98	1488	257	RTA00000620F.e.16.1	M00006863B:E6
1009	5/15/98	1488	258	RTA00000620F.k.11.1	M00006893C:B2
1010	5/15/98	1488	259	RTA00000619F.o.18.4	M00006825C:D6
1011	5/15/98	1488	260	RTA00000621F.k.03.1	M00006972A:F10
1012	5/15/98	1488	261	RTA00000625F.c.11.1	M00005722D:G3
1013	5/15/98	1488	262	RTA00000618F.n.05.1	M00006727B:G8
1014	5/15/98	1488	263	RTA00000623F.d.02.1	M00007119B:H10
1015	5/15/98	1488	264	RTA00000615F.k.05.1	M00005330C:F9
1016	5/15/98	1488	265	RTA00000623F.f.09.1	M00007132D:G8
1017	5/15/98	1488	266	RTA00000622F.d.01.1	M00007016C:E6
1018	5/15/98	1488	267	RTA00000618F.p.10.1	M00006739B:B10
1019	5/15/98	1488	268	RTA00000624F.l.23.1	M00005645D:F8
1020	5/15/98	1488	269	RTA00000619F.e.19.1	M00006764B:D5
1021	5/15/98	1488	270	RTA00000622F.h.12.1	M00007043A:B5
1022	5/15/98	1488	271	RTA00000622F.i.23.1	M00007051D:D9
1023	5/15/98	1488	272	RTA00000624F.l.13.1	M00005642B:C3
1024	5/15/98	1488	273	RTA00000624F.a.04.1	M00005528D:A10
1025	5/15/98	1488	274	RTA00000622F.e.17.1	M00007031C:D1
1026	5/15/98	1488	275	RTA00000590F.l.12.1	M00005353B:B9
1027	5/15/98	1488	276	RTA00000626F.f.01.1	M00006648C:E4
1028	5/15/98	1488	277	RTA00000620F.a.05.1	M00006832D:F11
1029	5/15/98	1488	278	RTA00000623F.d.04.1	M00007121A:A5
1030	5/15/98	1488	279	RTA00000618F.p.15.1	M00006739C:H7
1031	5/15/98	1488	280	RTA00000618F.o.03.1	M00006734A:H12
1032	5/15/98	1488	281	RTA00000640F.b.02.1	M00006927C:F12
1033	5/15/98	1488	282	RTA00000619F.g.20.1	M00006780A:H12
1034	5/15/98	1488	283	RTA00000618F.n.09.1	M00006728C:B6
1035	5/15/98	1488	284	RTA00000621F.d.09.1	M00006939B:E5
1036	5/15/98	1488	285	RTA00000619F.n.23.4	M00006822D:D5
1037	5/15/98	1488	286	RTA00000616F.k.16.1	M00005417A:E10
1038	5/15/98	1488	287	RTA00000625F.f.21.1	M00005783A:C5
1039	5/15/98	1488	288	RTA00000619F.b.17.1	M00006751B:B11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1040	5/15/98	1488	289	RTA00000622F.h.11.1	M00007042A:E7
1041	5/15/98	1488	290	RTA00000621F.k.12.1	M00006973D:E11
1042	5/15/98	1488	291	RTA00000620F.p.08.1	M00006921B:E1
1043	5/15/98	1488	292	RTA00000625F.d.13.1	M00005762D:A1
1044	5/15/98	1488	293	RTA00000592F.g.18.1	M00006618C:G8
1045	5/15/98	1488	294	RTA00000622F.b.17.1	M00007012B:D7
1046	5/15/98	1488	295	RTA00000624F.i.07.1	M00005625D:C3
1047	5/15/98	1488	296	RTA00000619F.c.01.1	M00006754B:D5
1048	5/15/98	1488	297	RTA00000621F.a.07.1	M00006926A:H11
1049	5/15/98	1488	298	RTA00000620F.d.21.1	M00006855C:H2
1050	5/15/98	1488	299	RTA00000616F.c.15.1	M00005383D:E7
1051	5/15/98	1488	300	RTA00000619F.n.19.4	M00006822A:D7
1052	5/15/98	1488	301	RTA00000615F.l.09.1	M00005349B:G1
1053	5/15/98	1488	302	RTA00000626F.b.04.1	M00006631D:B2
1054	5/15/98	1488	303	RTA00000617F.j.23.1	M00005491B:C3
1055	5/15/98	1488	304	RTA00000615F.k.14.1	M00005333C:C8
1056	5/15/98	1488	305	RTA00000616F.l.07.1	M00005419A:D5
1057	5/15/98	1488	306	RTA00000619F.d.04.1	M00006758A:B12
1058	5/15/98	1488	307	RTA00000622F.o.15.1	M00007093A:F9
1059	5/15/98	1488	308	RTA00000625F.m.11.1	M00006594D:F9
1060	5/15/98	1488	309	RTA00000619F.e.10.1	M00006763B:B11
1061	5/15/98	1488	310	RTA00000617F.n.15.1	M00005508B:B4
1062	5/15/98	1488	311	RTA00000615F.n.22.1	M00005359D:G7
1063	5/15/98	1488	312	RTA00000622F.j.21.1	M00007058A:C2
1064	5/15/98	1488	313	RTA00000625F.c.09.1	M00005722A:E9
1065	5/15/98	1488	314	RTA00000591F.m.01.1	M00005510B:D6
1066	5/15/98	1488	315	RTA00000617F.n.14.1	M00005508A:H1
1067	5/15/98	1488	316	RTA00000624F.p.18.1	M00005703A:C8
1068	5/15/98	1488	317	RTA00000623F.j.10.2	M00007163B:A12
1069	5/15/98	1488	318	RTA00000591F.e.20.1	M00005450B:B1
1070	5/15/98	1488	319	RTA00000615F.i.11.1	M00005294C:G8
1071	5/15/98	1488	320	RTA00000622F.p.12.1	M00007099C:F9
1072	5/15/98	1488	321	RTA00000619F.j.22.1	M00006800C:G8
1073	5/15/98	1488	322	RTA00000621F.g.12.1	M00006953D:H11
1074	5/15/98	1488	323	RTA00000617F.m.14.1	M00005505A:C8
1075	5/15/98	1488	324	RTA00000619F.k.06.1	M00006805A:H9
1076	5/15/98	1488	325	RTA00000616F.k.18.1	M00005417C:E10
1077	5/15/98	1488	326	RTA00000625F.d.04.1	M00005743B:F2
1078	5/15/98	1488	327	RTA00000626F.b.06.1	M00006631D:E9
1079	5/15/98	1488	328	RTA00000621F.p.15.1	M00006997B:E6



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1080	5/15/98	1488	329	RTA00000618F.d.19.1	M00006681C:G4
1081	5/15/98	1488	330	RTA00000618F.a.02.1	M00006665B:D10
1082	5/15/98	1488	331	RTA00000592F.f.15.1	M00006577B:H12
1083	5/15/98	1488	332	RTA00000619F.d.12.1	M00006758D:C1
1084	5/15/98	1488	333	RTA00000624F.d.08.1	M00005571A:E11
1085	5/15/98	1488	334	RTA00000620F.o.15.1	M00006919B:C3
1086	5/15/98	1488	335	RTA00000620F.e.03.1	M00006859A:F6
1087	5/15/98	1488	336	RTA00000622F.a.24.1	M00007010B:C11
1088	5/15/98	1488	337	RTA00000619F.n.04.2	M00006819A:D10
1089	5/15/98	1488	338	RTA00000616F.d.16.1	M00005388D:F9
1090	5/15/98	1488	339	RTA00000622F.n.15.1	M00007085A:B7
1091	5/15/98	1488	340	RTA00000619F.i.04.1	M00006789C:F4
1092	5/15/98	1488	341	RTA00000617F.i.13.1	M00005484A:D9
1093	5/15/98	1488	342	RTA00000616F.l.11.1	M00005419C:D9
1094	5/15/98	1488	343	RTA00000617F.b.18.1	M00005454C:H12
1095	5/15/98	1488	344	RTA00000618F.j.01.1	M00006705B:D2
1096	5/15/98	1488	345	RTA00000618F.k.24.1	M00006717A:D4
1097	5/15/98	1488	346	RTA00000618F.c.05.1	M00006676D:D11
1098	5/15/98	1488	347	RTA00000619F.g.08.1	M00006777B:D10
1099	5/15/98	1488	348	RTA00000618F.n.04.1	M00006727B:E9
1100	5/15/98	1488	349	RTA00000617F.i.09.1	M00005483D:A12
1101	5/15/98	1488	350	RTA00000617F.l.04.1	M00005497C:C7
1102	5/15/98	1488	351	RTA00000619F.n.17.4	M00006821C:C10
1103	5/15/98	1488	352	RTA00000622F.l.09.1	M00007065D:C1
1104	5/15/98	1488	353	RTA00000623F.j.03.2	M00007161A:H3
1105	5/15/98	1488	354	RTA00000615F.m.17.1	M00005356A:D9
1106	5/15/98	1488	355	RTA00000616F.g.13.1	M00005400A:D2
1107	5/15/98	1488	356	RTA00000615F.f.15.1	M00004999D:E1
1108	5/15/98	1488	357	RTA00000591F.f.15.1	M00005455A:D1
1109	5/15/98	1488	358	RTA00000592F.g.07.1	M00006596A:F7
1110	5/15/98	1488	359	RTA00000625F.o.16.1	M00006615D:F4
1111	5/15/98	1488	360	RTA00000622F.f.13.1	M00007033D:F4
1112	5/15/98	1488	361	RTA00000619F.p.02.3	M00006826B:H3
1113	5/15/98	1488	362	RTA00000625F.h.11.1	M00005812C:F10
1114	5/15/98	1488	363	RTA00000591F.i.05.1	M00005477C:D8
1115	5/15/98	1488	364	RTA00000622F.j.07.1	M00007053B:C7
1116	5/15/98	1488	365	RTA00000619F.k.01.1	M00006801A:G5
1117	5/15/98	1488	366	RTA00000619F.b.24.1	M00006754B:D5
1118	5/15/98	1488	367	RTA00000619F.b.16.1	M00006751A:F3
1119	5/15/98	1488	368	RTA00000618F.p.04.1	M00006738A:E5

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1120	5/15/98	1488	369	RTA00000615F.k.18.1	M00005342A:D4
1121	5/15/98	1488	370	RTA00000618F.g.23.1	M00006695B:F8
1122	5/15/98	1488	371	RTA00000618F.n.14.1	M00006728D:G10
1123	5/15/98	1488	372	RTA00000619F.e.23.1	M00006765B:H6
1124	5/15/98	1488	373	RTA00000617F.j.06.1	M00005487A:H1
1125	5/15/98	1488	374	RTA00000622F.f.06.1	M00007033A:H5
1126	5/15/98	1488	375	RTA00000622F.e.09.1	M00007030C:F8
1127	5/15/98	1488	376	RTA00000624F.k.11.1	M00005635C:F11
1128	5/15/98	1488	377	RTA00000619F.a.24.1	M00006745A:A1
1129	5/15/98	1488	378	RTA00000625F.i.03.1	M00005818C:G1
1130	5/15/98	1488	379	RTA00000590F.l.10.1	M00005352D:E6
1131	5/15/98	1488	380	RTA00000623F.d.12.1	M00007122B:A11
1132	5/15/98	1488	381	RTA00000622F.o.05.1	M00007090B:A2
1133	5/15/98	1488	382	RTA00000623F.n.07.1	M00007200B:C2
1134	5/15/98	1488	383	RTA00000621F.k.10.1	M00006973C:E11
1135	5/15/98	1488	384	RTA00000616F.b.05.1	M00005377A:A4
1136	5/15/98	1488	385	RTA00000619F.p.11.4	M00006828D:C12
1137	5/15/98	1488	386	RTA00000616F.d.15.1	M00005388D:B11
1138	5/15/98	1488	387	RTA00000615F.b.07.1	M00004839C:B1
1139	5/15/98	1488	388	RTA00000619F.f.19.1	M00006771A:E6
1140	5/15/98	1488	389	RTA00000621F.l.06.1	M00006976C:E9
1141	5/15/98	1488	390	RTA00000624F.m.08.1	M00005646C:B9
1142	5/15/98	1488	391	RTA00000617F.k.13.1	M00005493B:E1
1143	5/15/98	1488	392	RTA00000592F.h.07.1	M00006630B:H6
1144	5/15/98	1488	393	RTA00000619F.f.24.1	M00006771B:F3
1145	5/15/98	1488	394	RTA00000622F.e.20.1	M00007032A:F11
1146	5/15/98	1488	395	RTA00000623F.h.23.1	M00007152A:B4
1147	5/15/98	1488	396	RTA00000626F.b.20.1	M00006635C:B10
1148	5/15/98	1488	397	RTA00000623F.n.03.1	M00007199D:B7
1149	5/15/98	1488	398	RTA00000625F.i.02.1	M00005818C:E8
1150	5/15/98	1488	399	RTA00000622F.i.08.1	M00007047B:D1
1151	5/15/98	1488	400	RTA00000621F.c.23.1	M00006937B:G9
1152	5/15/98	1488	401	RTA00000619F.f.11.1	M00006769D:A4
1153	5/15/98	1488	402	RTA00000621F.b.14.1	M00006934A:G2
1154	5/15/98	1488	403	RTA00000621F.g.10.1	M00006953B:H10
1155	5/15/98	1488	404	RTA00000619F.p.22.3	M00006832A:F5
1156	5/15/98	1488	405	RTA00000590F.p.23.1	M00005399D:B2
1157	5/15/98	1488	406	RTA00000621F.m.23.1	M00006987B:F4
1158	5/15/98	1488	407	RTA00000592F.d.20.1	M00005772A:F3
1159	5/15/98	1488	408	RTA00000624F.m.14.1	M00005647D:D9

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1160	5/15/98	1488	409	RTA00000617F.a.08.1	M00005448D:E8
1161	5/15/98	1488	410	RTA00000620F.i.04.1	M00006877B:E5
1162	5/15/98	1488	411	RTA00000623F.l.12.1	M00007188A:D3
1163	5/15/98	1488	412	RTA00000591F.b.02.1	M00005411D:E5
1164	5/15/98	1488	413	RTA00000623F.h.07.1	M00007146D:G1
1165	5/15/98	1488	414	RTA00000624F.p.21.1	M00005703C:B1
1166	5/15/98	1488	415	RTA00000623F.j.09.2	M00007163A:F11
1167	5/15/98	1488	416	RTA00000623F.l.17.1	M00007189D:A9
1168	5/15/98	1488	417	RTA00000619F.p.18.3	M00006831B:B4
1169	5/15/98	1488	418	RTA00000622F.h.06.1	M00007041B:G1
1170	5/15/98	1488	419	RTA00000591F.m.20.1	M00005519C:F8
1171	5/15/98	1488	420	RTA00000623F.h.10.1	M00007148B:C6
1172	5/15/98	1488	421	RTA00000619F.i.10.1	M00006790D:A5
1173	5/15/98	1488	422	RTA00000625F.b.13.1	M00005711A:H1
1174	5/15/98	1488	423	RTA00000623F.e.16.1	M00007129A:E4
1175	5/15/98	1488	424	RTA00000625F.k.12.1	M00006582D:E5
1176	5/15/98	1488	425	RTA00000624F.i.09.1	M00005626A:B11
1177	5/15/98	1488	426	RTA00000625F.k.09.1	M00006582A:B9
1178	5/15/98	1488	427	RTA00000622F.k.10.1	M00007062A:D3
1179	5/15/98	1488	428	RTA00000616F.h.12.1	M00005403D:E11
1180	5/15/98	1488	429	RTA00000623F.k.07.1	M00007170D:A10
1181	5/15/98	1488	430	RTA00000620F.p.18.1	M00006923B:H8
1182	5/15/98	1488	431	RTA00000620F.e.01.1	M00006855D:H2
1183	5/15/98	1488	432	RTA00000616F.b.10.1	M00005377D:F11
1184	5/15/98	1488	433	RTA00000615F.d.06.1	M00004858D:E6
1185	5/15/98	1488	434	RTA00000592F.h.23.1	M00006640B:H9
1186	5/15/98	1488	435	RTA00000622F.e.07.1	M00007030A:G1
1187	5/15/98	1488	436	RTA00000617F.f.23.2	M00005473D:E10
1188	5/15/98	1488	437	RTA00000620F.h.10.1	M00006875A:A2
1189	5/15/98	1488	438	RTA00000615F.g.19.1	M00005009B:A2
1190	5/15/98	1488	439	RTA00000626F.b.09.1	M00006633C:E11
1191	5/15/98	1488	440	RTA00000626F.e.10.1	M00006644D:C2
1192	5/15/98	1488	441	RTA00000591F.a.08.1	M00005404C:F2
1193	5/15/98	1488	442	RTA00000622F.j.09.1	M00007053B:H3
1194	5/15/98	1488	443	RTA00000591F.n.01.1	M00005524C:B1
1195	5/15/98	1488	444	RTA00000623F.e.12.1	M00007127B:A4
1196	5/15/98	1488	445	RTA00000625F.p.01.1	M00006617B:D9
1197	5/15/98	1488	446	RTA00000623F.f.13.1	M00007134C:F7
1198	5/15/98	1488	447	RTA00000620F.c.24.1	M00006850C:D9
1199	5/15/98	1488	448	RTA00000618F.i.21.1	M00006704D:D3

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1200	5/15/98	1488	449	RTA00000617F.l.08.1	M00005497C:E3
1201	5/15/98	1488	450	RTA00000619F.l.07.1	M00006810D:A5
1202	5/15/98	1488	451	RTA00000624F.n.16.1	M00005655B:C2
1203	5/15/98	1488	452	RTA00000621F.n.24.1	M00006991D:G7
1204	5/15/98	1488	453	RTA00000621F.c.20.1	M00006937B:F7
1205	5/15/98	1488	454	RTA00000623F.g.07.1	M00007140D:C12
1206	5/15/98	1488	455	RTA00000591F.i.17.1	M00005481C:A5
1207	5/15/98	1488	456	RTA00000626F.b.22.1	M00006636A:B8
1208	5/15/98	1488	457	RTA00000620F.i.16.1	M00006882D:F3
1209	5/15/98	1488	458	RTA00000623F.f.21.1	M00007137D:C10
1210	5/15/98	1488	459	RTA00000591F.f.18.1	M00005455A:G3
1211	5/15/98	1488	460	RTA00000616F.e.10.1	M00005392C:C4
1212	5/15/98	1488	461	RTA00000619F.l.22.1	M00006814A:F7
1213	5/15/98	1488	462	RTA00000591F.a.20.1	M00005411A:C7
1214	5/15/98	1488	463	RTA00000623F.b.23.1	M00007112B:C6
1215	5/15/98	1488	464	RTA00000621F.n.15.1	M00006990B:H9
1216	5/15/98	1488	465	RTA00000620F.m.15.1	M00006907D:C7
1217	5/15/98	1488	466	RTA00000591F.a.15.1	M00005406D:B8
1218	5/15/98	1488	467	RTA00000620F.p.05.1	M00006921B:C2
1219	5/15/98	1488	468	RTA00000620F.h.04.1	M00006873B:G11
1220	5/15/98	1488	469	RTA00000592F.g.15.1	M00006615B:F5
1221	5/15/98	1488	470	RTA00000625F.b.21.1	M00005720A:D3
1222	5/15/98	1488	471	RTA00000621F.n.18.1	M00006991A:E7
1223	5/15/98	1488	472	RTA00000591F.h.08.1	M00005470B:E1
1224	5/15/98	1488	473	RTA00000591F.j.13.1	M00005486C:B3
1225	5/15/98	1488	474	RTA00000626F.e.08.1	M00006644C:E9
1226	5/15/98	1488	475	RTA00000623F.d.23.1	M00007124C:A11
1227	5/15/98	1488	476	RTA00000592F.g.04.1	M00006592A:D3
1228	5/15/98	1488	477	RTA00000590F.p.22.1	M00005399B:F2
1229	5/15/98	1488	478	RTA00000590F.n.10.1	M00005377A:D5
1230	5/15/98	1488	479	RTA00000623F.j.16.2	M00007166B:E6
1231	5/15/98	1488	480	RTA00000619F.j.19.1	M00006797B:D12
1232	5/15/98	1488	481	RTA00000621F.c.12.1	M00006936B:F10
1233	5/15/98	1488	482	RTA00000618F.b.17.1	M00006674B:F4
1234	5/15/98	1488	483	RTA00000621F.p.08.1	M00006995D:A3
1235	5/15/98	1488	484	RTA00000626F.b.13.1	M00006634B:C2
1236	5/15/98	1488	485	RTA00000623F.e.18.1	M00007129A:G10
1237	5/15/98	1488	486	RTA00000625F.j.01.1	M00005827B:H8
1238	5/15/98	1488	487	RTA00000625F.o.18.1	M00006616C:H9
1239	5/15/98	1488	488	RTA00000623F.k.13.1	M00007172D:C8

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1240	5/15/98	1488	489	RTA00000623F.k.10.1	M00007172A:A5
1241	5/15/98	1488	490	RTA00000626F.d.12.1	M00006641A:B3
1242	5/15/98	1488	491	RTA00000626F.d.23.1	M00006643A:E10
1243	5/15/98	1488	492	RTA00000623F.j.02.1	M00007160C:B8
1244	5/15/98	1488	493	RTA00000618F.o.07.1	M00006735A:H2
1245	5/15/98	1488	494	RTA00000620F.a.08.1	M00006833B:E11
1246	5/15/98	1488	495	RTA00000623F.d.11.1	M00007122A:G11
1247	5/15/98	1488	496	RTA00000623F.h.16.1	M00007149D:G6
1248	5/15/98	1488	497	RTA00000624F.a.17.1	M00005535B:F6
1249	5/15/98	1488	498	RTA00000621F.n.17.1	M00006990D:D6
1250	5/15/98	1488	499	RTA00000625F.n.02.1	M00006601C:E6
1251	5/15/98	1488	500	RTA00000591F.n.05.1	M00005530B:E4
1252	5/15/98	1488	501	RTA00000622F.n.09.1	M00007084B:A5
1253	5/15/98	1488	502	RTA00000617F.l.05.1	M00005497C:C10
1254	5/15/98	1488	503	RTA00000623F.j.08.2	M00007163A:B10
1255	5/15/98	1488	504	RTA00000626F.g.02.1	M00006656C:C10
1256	5/15/98	1488	505	RTA00000617F.l.06.1	M00005497C:C12
1257	5/15/98	1488	506	RTA00000592F.a.06.1	M00005635B:A6
1258	5/15/98	1488	507	RTA00000591F.j.11.1	M00005485C:A3
1259	5/15/98	1488	508	RTA00000622F.h.21.1	M00007046A:D2
1260	5/15/98	1488	509	RTA00000591F.h.03.1	M00005468D:F4
1261	5/15/98	1488	510	RTA00000620F.g.22.1	M00006872B:G1
1262	5/15/98	1488	511	RTA00000617F.c.05.1	M00005456B:E3
1263	5/15/98	1488	512	RTA00000616F.e.15.3	M00005393A:E11
1264	5/15/98	1488	513	RTA00000616F.f.15.3	M00005396B:C4
1265	5/15/98	1488	514	RTA00000622F.c.11.1	M00007014D:C5
1266	5/15/98	1488	515	RTA00000621F.f.12.1	M00006949B:F3
1267	5/15/98	1488	516	RTA00000603F.c.23.1	M00006720C:C11
1268	5/15/98	1488	517	RTA00000640F.a.23.1	M00005817D:E12
1269	5/15/98	1488	518	RTA00000618F.h.15.1	M00006699B:C7
1270	5/15/98	1488	519	RTA00000616F.p.22.1	M00005446C:D12
1271	5/15/98	1488	520	RTA00000621F.p.18.1	M00006997D:B3
1272	5/15/98	1488	521	RTA00000615F.b.10.1	M00004840C:H5
1273	5/15/98	1488	522	RTA00000590F.l.05.1	M00005332A:H10
1274	5/15/98	1488	523	RTA00000619F.g.06.1	M00006774D:C1
1275	5/15/98	1488	524	RTA00000619F.c.24.1	M00006757D:E4
1276	5/15/98	1488	525	RTA00000619F.f.23.1	M00006771B:A9
1277	5/15/98	1489	1	RTA00000639F.e.11.1	M00023011A:A6
1278	5/15/98	1489	2	RTA00000631F.e.20.1	M00022386B:D11
1279	5/15/98	1489	3	RTA00000631F.e.15.1	M00022386A:A7

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1280	5/15/98	1489	4	RTA00000639F.d.02.1	M00022993A:F2
1281	5/15/98	1489	5	RTA00000639F.f.10.1	M00023021A:H8
1282	5/15/98	1489	6	RTA00000628F.e.17.1	M00021862D:F1
1283	5/15/98	1489	7	RTA00000627F.p.18.1	M00021670B:G11
1284	5/15/98	1489	8	RTA00000633F.o.22.1	M00022901D:C9
1285	5/15/98	1489	9	RTA00000632F.b.04.1	M00022493C:B7
1286	5/15/98	1489	10	RTA00000639F.g.14.1	M00023034C:E5
1287	5/15/98	1489	11	RTA00000631F.p.10.1	M00022474A:H9
1288	5/15/98	1489	12	RTA00000628F.c.20.1	M00021828A:C8
1289	5/15/98	1489	13	RTA00000630F.o.20.1	M00022289A:D5
1290	5/15/98	1489	14	RTA00000630F.e.18.1	M00022202C:F11
1291	5/15/98	1489	15	RTA00000628F.b.18.1	M00021690C:B7
1292	5/15/98	1489	16	RTA00000590F.j.07.1	M00004873C:C10
1293	5/15/98	1489	17	RTA00000630F.a.19.1	M00022169D:C2
1294	5/15/98	1489	18	RTA00000630F.i.02.1	M00022226D:A7
1295	5/15/98	1489	19	RTA00000631F.a.22.1	M00022364C:G12
1296	5/15/98	1489	20	RTA00000630F.l.19.1	M00022255D:E3
1297	5/15/98	1489	21	RTA00000633F.a.15.1	M00022661D:H1
1298	5/15/98	1489	22	RTA00000639F.c.06.1	M00022972D:C10
1299	5/15/98	1489	23	RTA00000630F.p.23.1	M00022305C:A1
1300	5/15/98	1489	24	RTA00000629F.o.19.2	M00022150D:D11
1301	5/15/98	1489	25	RTA00000632F.j.18.1	M00022599D:E7
1302	5/15/98	1489	26	RTA00000630F.o.21.1	M00022289D:B6
1303	5/15/98	1489	27	RTA00000629F.l.02.1	M00022117C:G7
1304	5/15/98	1489	28	RTA00000628F.e.13.1	M00021861C:A2
1305	5/15/98	1489	29	RTA00000632F.j.02.1	M00022587C:G4
1306	5/15/98	1489	30	RTA00000639F.e.01.1	M00023003C:A3
1307	5/15/98	1489	31	RTA00000631F.f.01.1	M00022386C:D7
1308	5/15/98	1489	32	RTA00000630F.p.22.1	M00022305A:H11
1309	5/15/98	1489	33	RTA00000628F.l.05.1	M00021946D:C11
1310	5/15/98	1489	34	RTA00000629F.b.06.1	M00022049A:A2
1311	5/15/98	1489	35	RTA00000628F.g.20.1	M00021892B:H3
1312	5/15/98	1489	36	RTA00000628F.n.11.1	M00021982C:F8
1313	5/15/98	1489	37	RTA00000593F.e.21.1	M00022074D:F11
1314	5/15/98	1489	38	RTA00000633F.c.07.1	M00022674D:G4
1315	5/15/98	1489	39	RTA00000629F.k.17.1	M00022110A:E4
1316	5/15/98	1489	40	RTA00000633F.a.11.1	M00022661B:E11
1317	5/15/98	1489	41	RTA00000629F.e.16.1	M00022068D:D12
1318	5/15/98	1489	42	RTA00000631F.c.01.1	M00022372B:D3
1319	5/15/98	1489	43	RTA00000630F.n.22.1	M00022278C:E3

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1320	5/15/98	1489	44	RTA00000628F.j.14.1	M00021927B:F1
1321	5/15/98	1489	45	RTA00000631F.l.14.1	M00022449D:F6
1322	5/15/98	1489	46	RTA00000631F.j.06.1	M00022423B:D3
1323	5/15/98	1489	47	RTA00000630F.b.17.1	M00022175A:A11
1324	5/15/98	1489	48	RTA00000593F.i.08.2	M00022218C:B6
1325	5/15/98	1489	49	RTA00000631F.l.12.1	M00022449C:B1
1326	5/15/98	1489	50	RTA00000628F.m.20.1	M00021978A:F8
1327	5/15/98	1489	51	RTA00000632F.c.02.1	M00022504B:E3
1328	5/15/98	1489	52	RTA00000632F.h.03.1	M00022565C:H2
1329	5/15/98	1489	53	RTA00000592F.l.16.1	M00007977C:E8
1330	5/15/98	1489	54	RTA00000630F.c.01.1	M00022176A:E8
1331	5/15/98	1489	55	RTA00000593F.e.19.1	M00022071C:D9
1332	5/15/98	1489	56	RTA00000632F.a.10.1	M00022490C:C1
1333	5/15/98	1489	57	RTA00000632F.f.12.1	M00022536B:B4
1334	5/15/98	1489	58	RTA00000630F.m.06.1	M00022259B:G2
1335	5/15/98	1489	59	RTA00000629F.e.07.1	M00022067D:C5
1336	5/15/98	1489	60	RTA00000627F.k.19.1	M00021618D:D7
1337	5/15/98	1489	61	RTA00000629F.o.15.2	M00022149B:D5
1338	5/15/98	1489	62	RTA00000592F.o.02.1	M00008015D:E9
1339	5/15/98	1489	63	RTA00000628F.h.18.1	M00021906C:G11
1340	5/15/98	1489	64	RTA00000632F.h.23.1	M00022578D:A8
1341	5/15/98	1489	65	RTA00000639F.h.18.1	M00023103A:E11
1342	5/15/98	1489	66	RTA00000630F.p.11.1	M00022296B:C11
1343	5/15/98	1489	67	RTA00000632F.o.18.1	M00022651D:C6
1344	5/15/98	1489	68	RTA00000629F.a.24.1	M00022032A:E7
1345	5/15/98	1489	69	RTA00000633F.f.19.1	M00022708D:G10
1346	5/15/98	1489	70	RTA00000627F.n.04.1	M00021640A:G3
1347	5/15/98	1489	71	RTA00000630F.p.04.1	M00022294A:D11
1348	5/15/98	1489	72	RTA00000633F.h.21.1	M00022730A:E4
1349	5/15/98	1489	73	RTA00000632F.d.12.1	M00022515D:C4
1350	5/15/98	1489	74	RTA00000627F.o.23.1	M00021660C:G4
1351	5/15/98	1489	75	RTA00000628F.j.12.1	M00021927A:C11
1352	5/15/98	1489	76	RTA00000632F.f.03.1	M00022531B:D7
1353	5/15/98	1489	77	RTA00000593F.o.03.1	M00022549B:G7
1354	5/15/98	1489	78	RTA00000631F.b.06.1	M00022366B:E9
1355	5/15/98	1489	79	RTA00000633F.g.15.1	M00022716D:D8
1356	5/15/98	1489	80	RTA00000594F.b.04.1	M00022828C:E4
1357	5/15/98	1489	81	RTA00000623F.o.14.1	M00007929B:H10
1358	5/15/98	1489	82	RTA00000632F.g.02.1	M00022551A:G3
1359	5/15/98	1489	83	RTA00000629F.h.11.1	M00022084B:F4

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SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1360	5/15/98	1489	84	RTA00000632F.b.17.1	M00022498C:C8
1361	5/15/98	1489	85	RTA00000631F.m.04.1	M00022452C:B3
1362	5/15/98	1489	86	RTA00000627F.k.02.1	M00021614B:G12
1363	5/15/98	1489	87	RTA00000631F.n.06.1	M00022457C:B1
1364	5/15/98	1489	88	RTA00000633F.i.15.1	M00022737A:C8
1365	5/15/98	1489	89	RTA00000639F.f.11.1	M00023023A:B12
1366	5/15/98	1489	90	RTA00000630F.j.04.1	M00022236D:A3
1367	5/15/98	1489	91	RTA00000630F.j.14.1	M00022239D:A7
1368	5/15/98	1489	92	RTA00000627F.k.24.1	M00021619B:G10
1369	5/15/98	1489	93	RTA00000630F.j.13.1	M00022239B:B7
1370	5/15/98	1489	94	RTA00000629F.j.07.1	M00022094B:G10
1371	5/15/98	1489	95	RTA00000628F.m.02.1	M00021964A:C4
1372	5/15/98	1489	96	RTA00000639F.g.08.1	M00023033A:E10
1373	5/15/98	1489	97	RTA00000628F.i.05.1	M00021910A:C10
1374	5/15/98	1489	98	RTA00000639F.a.16.1	M00022953B:C7
1375	5/15/98	1489	99	RTA00000633F.c.21.1	M00022682A:F12
1376	5/15/98	1489	100	RTA00000639F.b.03.1	M00022960D:E8
1377	5/15/98	1489	101	RTA00000633F.b.05.1	M00022666C:H11
1378	5/15/98	1489	102	RTA00000631F.h.05.2	M00022412A:C8
1379	5/15/98	1489	103	RTA00000628F.h.14.1	M00021905B:A1
1380	5/15/98	1489	104	RTA00000633F.b.03.1	M00022666B:E12
1381	5/15/98	1489	105	RTA00000632F.g.08.1	M00022556B:G2
1382	5/15/98	1489	106	RTA00000593F.g.18.1	M00022171D:B8
1383	5/15/98	1489	107	RTA00000592F.p.10.1	M00008061A:F2
1384	5/15/98	1489	108	RTA00000639F.f.19.1	M00023028A:A2
1385	5/15/98	1489	109	RTA00000630F.f.04.1	M00022206B:G6
1386	5/15/98	1489	110	RTA00000633F.o.02.1	M00022893C:H11
1387	5/15/98	1489	111	RTA00000632F.b.12.1	M00022495C:G5
1388	5/15/98	1489	112	RTA00000632F.g.20.1	M00022562C:H10
1389	5/15/98	1489	113	RTA00000593F.f.12.1	M00022109B:A11
1390	5/15/98	1489	114	RTA00000633F.c.19.1	M00022681C:H2
1391	5/15/98	1489	115	RTA00000629F.e.12.1	M00022068B:H11
1392	5/15/98	1489	116	RTA00000629F.j.01.1	M00022093A:A5
1393	5/15/98	1489	117	RTA00000627F.m.07.1	M00021625A:C7
1394	5/15/98	1489	118	RTA00000633F.n.12.1	M00022856C:B11
1395	5/15/98	1489	119	RTA00000632F.e.15.1	M00022527D:B3
1396	5/15/98	1489	120	RTA00000632F.a.09.1	M00022490C:A8
1397	5/15/98	1489	121	RTA00000631F.k.12.1	M00022439A:E7
1398	5/15/98	1489	122	RTA00000628F.c.02.1	M00021694B:A7
1399	5/15/98	1489	123	RTA00000632F.f.10.1	M00022535D:B11



## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1400	5/15/98	1489	124	RTA00000631F.f.11.1	M00022389B:H4
1401	5/15/98	1489	125	RTA00000633F.n.06.1	M00022854D:H7
1402	5/15/98	1489	126	RTA00000628F.l.14.1	M00021954A:A3
1403	5/15/98	1489	127	RTA00000632F.k.10.1	M00022607B:A4
1404	5/15/98	1489	128	RTA00000629F.b.08.1	M00022049A:D6
1405	5/15/98	1489	129	RTA00000629F.l.10.1	M00022122D:D6
1406	5/15/98	1489	130	RTA00000632F.c.04.1	M00022505D:A12
1407	5/15/98	1489	131	RTA00000630F.h.22.1	M00022221D:E8
1408	5/15/98	1489	132	RTA00000593F.e.18.1	M00022070B:C10
1409	5/15/98	1489	133	RTA00000630F.l.02.1	M00022252C:E6
1410	5/15/98	1489	134	RTA00000632F.k.20.1	M00022613D:C4
1411	5/15/98	1489	135	RTA00000628F.p.01.1	M00022005C:G3
1412	5/15/98	1489	136	RTA00000631F.l.01.1	M00022444A:A11
1413	5/15/98	1489	137	RTA00000628F.a.16.1	M00021678A:B8
1414	5/15/98	1489	138	RTA00000632F.j.14.1	M00022598A:F11
1415	5/15/98	1489	139	RTA00000628F.e.06.1	M00021859A:D4
1416	5/15/98	1489	140	RTA00000631F.n.08.1	M00022458B:E6
1417	5/15/98	1489	141	RTA00000630F.g.18.1	M00022216D:C1
1418	5/15/98	1489	142	RTA00000628F.m.08.1	M00021967D:E8
1419	5/15/98	1489	143	RTA00000592F.k.12.1	M00007961A:B1
1420	5/15/98	1489	144	RTA00000631F.e.22.1	M00022386C:A4
1421	5/15/98	1489	145	RTA00000628F.b.21.1	M00021692A:E3
1422	5/15/98	1489	146	RTA00000631F.d.13.1	M00022381C:C12
1423	5/15/98	1489	147	RTA00000629F.p.04.2	M00022153D:D11
1424	5/15/98	1489	148	RTA00000628F.b.01.1	M00021680B:C1
1425	5/15/98	1489	149	RTA00000630F.c.19.1	M00022183A:G3
1426	5/15/98	1489	150	RTA00000593F.l.06.1	M00022404D:G5
1427	5/15/98	1489	151	RTA00000628F.c.11.1	M00021698B:B12
1428	5/15/98	1489	152	RTA00000630F.l.05.1	M00022253B:E6
1429	5/15/98	1489	153	RTA00000628F.b.22.1	M00021692C:E6
1430	5/15/98	1489	154	RTA00000633F.g.19.1	M00022718D:G5
1431	5/15/98	1489	155	RTA00000629F.p.10.2	M00022157B:A10
1432	5/15/98	1489	156	RTA00000628F.b.17.1	M00021690B:B6
1433	5/15/98	1489	157	RTA00000627F.j.18.1	M00021611D:H3
1434	5/15/98	1489	158	RTA00000627F.p.10.1	M00021665A:D4
1435	5/15/98	1489	159	RTA00000628F.e.15.1	M00021862A:A4
1436	5/15/98	1489	160	RTA00000630F.h.12.1	M00022218D:B12
1437	5/15/98	1489	161	RTA00000628F.i.08.1	M00021912B:H11
1438	5/15/98	1489	162	RTA00000630F.c.09.1	M00022178D:H1
1439	5/15/98	1489	163	RTA00000633F.o.08.1	M00022897A:F4

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1440	5/15/98	1489	164	RTA00000628F.i.07.1	M00021947A:C1
1441	5/15/98	1489	165	RTA00000628F.n.18.1	M00021983D:B10
1442	5/15/98	1489	166	RTA00000630F.i.10.1	M00022254C:D8
1443	5/15/98	1489	167	RTA00000632F.i.01.1	M00022578D:F3
1444	5/15/98	1489	168	RTA00000629F.j.04.1	M00022093D:B10
1445	5/15/98	1489	169	RTA00000627F.j.16.1	M00021611D:D5
1446	5/15/98	1489	170	RTA00000629F.e.20.1	M00022069D:G2
1447	5/15/98	1489	171	RTA00000632F.h.21.1	M00022578C:B7
1448	5/15/98	1489	172	RTA00000629F.p.09.2	M00022157A:F12
1449	5/15/98	1489	173	RTA00000631F.d.22.1	M00022382D:H11
1450	5/15/98	1489	174	RTA00000630F.i.14.1	M00022255A:C8
1451	5/15/98	1489	175	RTA00000633F.h.12.1	M00022725C:E9
1452	5/15/98	1489	176	RTA00000630F.i.11.1	M00022231C:A4
1453	5/15/98	1489	177	RTA00000632F.a.05.1	M00022489C:A8
1454	5/15/98	1489	178	RTA00000629F.g.21.1	M00022081C:G11
1455	5/15/98	1489	179	RTA00000632F.e.12.1	M00022527A:E5
1456	5/15/98	1489	180	RTA00000632F.g.11.1	M00022557B:A8
1457	5/15/98	1489	181	RTA00000629F.f.22.1	M00022075D:F5
1458	5/15/98	1489	182	RTA00000630F.j.12.1	M00022239A:A10
1459	5/15/98	1489	183	RTA00000629F.h.16.1	M00022085C:C4
1460	5/15/98	1489	184	RTA00000633F.j.13.1	M00022745A:B4
1461	5/15/98	1489	185	RTA00000633F.h.10.1	M00022725C:B3
1462	5/15/98	1489	186	RTA00000632F.b.05.1	M00022493C:C6
1463	5/15/98	1489	187	RTA00000633F.h.18.1	M00022727B:C5
1464	5/15/98	1489	188	RTA00000633F.h.13.1	M00022726A:A6
1465	5/15/98	1489	189	RTA00000630F.i.09.1	M00022231A:F12
1466	5/15/98	1489	190	RTA00000593F.h.03.1	M00022176C:A8
1467	5/15/98	1489	191	RTA00000632F.c.18.1	M00022509D:F6
1468	5/15/98	1489	192	RTA00000593F.f.03.1	M00022081C:B11
1469	5/15/98	1489	193	RTA00000627F.n.21.1	M00021653A:G7
1470	5/15/98	1489	194	RTA00000631F.g.18.2	M00022407C:H11
1471	5/15/98	1489	195	RTA00000639F.c.14.1	M00022980B:E11
1472	5/15/98	1489	196	RTA00000633F.m.08.1	M00022824C:H11
1473	5/15/98	1489	197	RTA00000627F.m.10.1	M00021629D:D5
1474	5/15/98	1489	198	RTA00000632F.h.20.1	M00022578B:G5
1475	5/15/98	1489	199	RTA00000627F.o.09.1	M00021657B:C8
1476	5/15/98	1489	200	RTA00000632F.j.06.1	M00022594B:H12
1477	5/15/98	1489	201	RTA00000632F.d.07.1	M00022514A:D4
1478	5/15/98	1489	202	RTA00000629F.d.23.1	M00022064C:H7
1479	5/15/98	1489	203	RTA00000629F.m.05.1	M00022128A:D4

## Priority Appln Information

SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1480	5/15/98	1489	204	RTA00000639F.b.08.1	M00022963A:D11
1481	5/15/98	1489	205	RTA00000627F.l.21.1	M00021624A:D7
1482	5/15/98	1489	206	RTA00000628F.j.16.1	M00021927D:D12
1483	5/15/98	1489	207	RTA00000628F.b.08.1	M00021681C:B10
1484	5/15/98	1489	208	RTA00000630F.e.10.1	M00022199C:F3
1485	5/15/98	1489	209	RTA00000639F.b.21.1	M00022968A:F2
1486	5/15/98	1489	210	RTA00000631F.h.04.1	M00022411D:G9
1487	5/15/98	1489	211	RTA00000639F.c.15.1	M00022980C:A9
1488	5/15/98	1489	212	RTA00000631F.d.11.1	M00022381A:F5
1489	5/15/98	1489	213	RTA00000633F.e.18.1	M00022698C:E6
1490	5/15/98	1489	214	RTA00000615F.e.19.1	M00004875A:G9
1491	5/15/98	1489	215	RTA00000629F.n.11.2	M00022139A:C1
1492	5/15/98	1489	216	RTA00000631F.g.11.2	M00022404B:H5
1493	5/15/98	1489	217	RTA00000630F.o.18.1	M00022288C:D4
1494	5/15/98	1489	218	RTA00000633F.h.22.1	M00022730D:E10
1495	5/15/98	1489	219	RTA00000633F.e.24.1	M00022701B:B12
1496	5/15/98	1489	220	RTA00000633F.o.19.1	M00022900D:E8
1497	5/15/98	1489	221	RTA00000630F.e.04.1	M00022198A:C12
1498	5/15/98	1489	222	RTA00000627F.o.01.1	M00021654C:A2
1499	5/15/98	1489	223	RTA00000629F.k.21.1	M00022114C:B2
1500	5/15/98	1489	224	RTA00000631F.g.04.1	M00022399C:A10
1501	5/15/98	1489	225	RTA00000630F.m.03.1	M00022258C:F6
1502	5/15/98	1489	226	RTA00000629F.i.08.1	M00022090A:G8
1503	5/15/98	1489	227	RTA00000593F.d.02.2	M00021682B:D12
1504	5/15/98	1489	228	RTA00000631F.a.24.1	M00022365A:A1
1505	5/15/98	1489	229	RTA00000629F.p.06.2	M00022154A:C1
1506	5/15/98	1489	230	RTA00000633F.n.09.1	M00022856B:D7
1507	5/15/98	1489	231	RTA00000633F.f.14.1	M00022708A:C8
1508	5/15/98	1489	232	RTA00000629F.k.11.1	M00022106C:F4
1509	5/15/98	1489	233	RTA00000630F.b.02.1	M00022170D:H9
1510	5/15/98	1489	234	RTA00000633F.p.04.1	M00022902D:D3
1511	5/15/98	1489	235	RTA00000633F.n.08.1	M00022856A:D2
1512	5/15/98	1489	236	RTA00000628F.h.06.1	M00021897B:A6
1513	5/15/98	1489	237	RTA00000628F.d.05.1	M00021841C:D7
1514	5/15/98	1489	238	RTA00000627F.l.22.1	M00021624B:A3
1515	5/15/98	1489	239	RTA00000630F.f.19.1	M00022212C:C2
1516	5/15/98	1489	240	RTA00000630F.h.17.1	M00022220C:F8
1517	5/15/98	1489	241	RTA00000632F.i.15.1	M00022583B:E5
1518	5/15/98	1489	242	RTA00000633F.j.15.1	M00022745B:G2
1519	5/15/98	1489	243	RTA00000628F.k.05.1	M00021932C:G10

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1520	5/15/98	1489	244	RTA00000633F.d.04.1	M00022685A:F11
1521	5/15/98	1489	245	RTA00000639F.h.10.1	M00023094A:C4
1522	5/15/98	1489	246	RTA00000632F.f.11.1	M00022535D:C4
1523	5/15/98	1489	247	RTA00000631F.p.20.1	M00022480B:E7
1524	5/15/98	1489	248	RTA00000629F.o.17.2	M00022150A:H6
1525	5/15/98	1489	249	RTA00000592F.l.23.1	M00007986C:C5
1526	5/15/98	1489	250	RTA00000630F.d.10.1	M00022189A:A1
1527	5/15/98	1489	251	RTA00000632F.j.19.1	M00022600C:A6
1528	5/15/98	1489	252	RTA00000633F.n.10.1	M00022856B:F4
1529	5/15/98	1489	253	RTA00000628F.h.13.1	M00021905A:G5
1530	5/15/98	1489	254	RTA00000633F.k.05.1	M00022763A:E10
1531	5/15/98	1489	255	RTA00000633F.i.11.1	M00022735B:B1
1532	5/15/98	1489	256	RTA00000633F.o.20.1	M00022900D:G3
1533	5/15/98	1489	257	RTA00000628F.b.19.1	M00021690D:E5
1534	5/15/98	1489	258	RTA00000627F.p.14.1	M00021667D:E3
1535	5/15/98	1489	259	RTA00000628F.n.15.1	M00021983B:B3
1536	5/15/98	1489	260	RTA00000592F.p.22.1	M00008074D:C1
1537	5/15/98	1489	261	RTA00000628F.m.19.1	M00021977D:E2
1538	5/15/98	1489	262	RTA00000593F.a.05.1	M00008078C:C6
1539	5/15/98	1489	263	RTA00000639F.g.17.1	M00023036D:C4
1540	5/15/98	1489	264	RTA00000632F.j.15.1	M00022599A:C3
1541	5/15/98	1489	265	RTA00000592F.l.04.1	M00007971A:B4
1542	5/15/98	1489	266	RTA00000629F.c.07.1	M00022054D:C5
1543	5/15/98	1489	267	RTA00000592F.l.21.1	M00007985A:B9
1544	5/15/98	1489	268	RTA00000629F.h.15.1	M00022085C:A7
1545	5/15/98	1489	269	RTA00000633F.n.02.1	M00022835C:E6
1546	5/15/98	1489	270	RTA00000630F.n.24.1	M00022278D:F10
1547	5/15/98	1489	271	RTA00000592F.k.09.1	M00007953B:B3
1548	5/15/98	1489	272	RTA00000592F.l.10.1	M00007974B:C11
1549	5/15/98	1489	273	RTA00000628F.k.04.1	M00021932C:C5
1550	5/15/98	1489	274	RTA00000630F.h.24.1	M00022226C:B6
1551	5/15/98	1489	275	RTA00000629F.i.13.1	M00022091B:B7
1552	5/15/98	1489	276	RTA00000630F.b.01.1	M00022170D:H7
1553	5/15/98	1489	277	RTA00000628F.g.13.1	M00021886D:E4
1554	5/15/98	1489	278	RTA00000592F.m.13.1	M00007995D:E6
1555	5/15/98	1489	279	RTA00000633F.h.20.1	M00022728A:A9
1556	5/15/98	1489	280	RTA00000593F.d.08.2	M00021860B:G6
1557	5/15/98	1489	281	RTA00000629F.f.01.1	M00022071B:D5
1558	5/15/98	1489	282	RTA00000632F.i.11.1	M00022582C:E12
1559	5/15/98	1489	283	RTA00000632F.j.24.1	M00022604B:C11

Priority Appln Information					
SEQ ID NO:	Filed	Dkt No.	SEQ ID NO:	Sequence Name	Clone Name
1560	5/15/98	1489	284	RTA00000629F.f.03.1	M00022071C:C9
1561	5/15/98	1489	285	RTA00000593F.b.04.1	M00008094A:E10
1562	5/15/98	1489	286	RTA00000628F.i.12.1	M00021952B:F11
1563	5/15/98	1489	287	RTA00000632F.j.12.1	M00022597B:F11
1564	5/15/98	1489	288	RTA00000592F.k.23.1	M00007964B:D10
1565	5/15/98	1489	289	RTA00000632F.g.07.1	M00022556B:C4

Table 1B

SEQ ID NO:	Sample Name	Overlap	Clone Name
1566	803.F11.sp6:165002	VO	M00004236D:E07
1567	180.B11.sp6:135937	VO	M00001453B:F08
1568	1033.D01.sp6:188349	VO	M00001455A:E09
1569	1164.H10.sp6:186952	VO	M00001455A:E09
1570	80.E12.sp6:130267	VNO	
1571	121.C2.sp6:131906	VNO	
1572	1035.D01.sp6:188733	VO	M00003939A:A02
1573	1034.G03.sp6:188579	VNO	
1574	020.C1.sp6:128615	VO	M00003820C:A09
1575	019.B1.sp6:128411	VO	M00003820C:A09
1576	803.F4.sp6:164995	VO	M00004052C:B05
1577	1033.C06.sp6:188342	VO	M00001654D:F06
1578	1035.H07.sp6:188787	VO	M00004034C:F05
1579	396.C9.sp6:149508	VO	M00004034C:F05
1580	396.D9.sp6:149520	VO	M00004035B:F05
1581	1035.B08.sp6:188716	VO	M00004035B:F05
1582	396.H9.sp6:149568	VNO	
1583	1035.D09.sp6:188741	VO	M00004037C:D07
1584	1036.B05.sp6:188905	VO	M00004115C:H04
1585	404.G2.sp6:162929	VNO	
1586	1035.D07.sp6:188739	VO	M00004031D:G02
1587	1034.A05.sp6:188509	VO	M00003829A:B08
1588	395.B5.sp6:149300	VO	M00003829A:B08
1589	1034.F07.sp6:188571	VO	M00003852D:D03
1590	1035.E04.sp6:188748	VO	M00003982A:G03
1591	396.F3.sp6:149538	VO	M00003982A:G03
1592	396.H3.sp6:149562	VO	M00003982B:C10
1593	1035.F04.sp6:188760	VNO	
1594	396.D4.sp6:149515	VO	M00003983A:D02
1595	1035.G04.sp6:188772	VO	M00003983A:D02
1596	396.D5.sp6:149516	VO	M00003985A:C01
1597	1035.B05.sp6:188713	VO	M00003985A:C01
1598	1035.C06.sp6:188726	VO	M00004028C:D01
1599	396.A7.sp6:149482	VNO	
1600	1035.E06.sp6:188750	VO	M00004029C:B03
1601	801.E1.sp6:164692	VO	M00001344D:G11
1602	801.F1.sp6:164704	VO	M00001345A:A12
1603	801.A2.sp6:164645	VNO	
1604	801.B2.sp6:164657	VNO	
1605	801.C2.sp6:164669	VO	M00001347A:G06
1606	801.D2.sp6:164681	VO	M00001347B:H01
1607	801.E2.sp6:164693	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
1608	801.F2.sp6:164705	VNO	
1609	801.A3.sp6:164646	VO	M00001355B:A01
1610	801.B3.sp6:164658	VO	M00001358D:D09
1611	801.C3.sp6:164670	VO	M00001359A:B07
1612	801.D3.sp6:164682	VO	M00001362A:C10
1613	801.E3.sp6:164694	VO	M00001362B:A09
1614	801.G3.sp6:164718	VO	M00001365D:D12
1615	801.H3.sp6:164730	VO	M00001365D:H09
1616	801.A4.sp6:164647	VNO	
1617	801.B4.sp6:164659	VO	M00001370A:G09
1618	801.C4.sp6:164671	VO	M00001370B:B04
1619	801.D4.sp6:164683	VO	M00001370B:B12
1620	801.E4.sp6:164695	VNO	
1621	801.G4.sp6:164719	VO	M00001374D:D09
1622	801.D5.sp6:164684	VO	M00001377C:B08
1623	801.F5.sp6:164708	VNO	
1624	801.G5.sp6:164720	VNO	
1625	801.H5.sp6:164732	VNO	
1626	801.A6.sp6:164649	VO	M00001384A:C09
1627	801.B6.sp6:164661	VO	M00001387A:A04
1628	801.D6.sp6:164685	VO	M00001389B:B06
1629	801.E6.sp6:164697	VO	M00001390A:C06
1630	801.F6.sp6:164709	VO	M00001390A:H01
1631	801.D7.sp6:164686	VNO	
1632	801.E7.sp6:164698	VO	M00001399C:E10
1633	1033.A01.sp6:188313	VO	M00001399D:F09
1634	801.G7.sp6:164722	VNO	
1635	801.H7.sp6:164734	VO	M00001401D:D04
1636	801.A8.sp6:164651	VNO	
1637	801.B8.sp6:164663	VO	M00001402D:C07
1638	801.C8.sp6:164675	VO	M00001402D:H03
1639	801.D8.sp6:164687	VO	M00001403B:A01
1640	801.E8.sp6:164699	VO	M00001405D:F05
1641	801.G8.sp6:164723	VO	M00001406C:A11
1642	801.B9.sp6:164664	VO	M00001407B:A08
1643	801.C9.sp6:164676	VO	M00001407D:H11
1644	801.D9.sp6:164688	VNO	
1645	801.E9.sp6:164700	VNO	
1646	801.F9.sp6:164712	VO	M00001411A:D01
1647	801.G9.sp6:164724	VNO	
1648	801.H9.sp6:164736	VO	M00001411C:G02
1649	801.B10.sp6:164665	VO	M00001412A:A11
1650	801.C10.sp6:164677	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
1651	801.D10.sp6:164689	VNO	
1652	801.E10.sp6:164701	VO	M00001415D:E12
1653	801.F10.sp6:164713	VNO	
1654	801.G10.sp6:164725	VO	M00001417B:E01
1655	020.A6.sp6:128596	VO	M00001417B:E01
1656	801.H10.sp6:164737	VNO	
1657	801.A11.sp6:164654	VO	M00001417C:E02
1658	801.B11.sp6:164666	VNO	
1659	801.C11.sp6:164678	VO	M00001421A:H07
1660	801.F11.sp6:164714	VO	M00001423C:D06
1661	801.G11.sp6:164726	VO	M00001424A:H09
1662	801.H11.sp6:164738	VO	M00001425C:E10
1663	801.B12.sp6:164667	VO	M00001426A:F09
1664	801.C12.sp6:164679	VO	M00001426D:D09
1665	801.E12.sp6:164703	VO	M00001431A:C10
1666	801.F12.sp6:164715	VO	M00001431A:E05
1667	801.G12.sp6:164727	VO	M00001432A:F12
1668	801.H12.sp6:164739	VO	M00001432B:H08
1669	802.A1.sp6:164740	VO	M00001432C:G01
1670	802.B1.sp6:164752	VO	M00001433A:C07
1671	802.C1.sp6:164764	VNO	
1672	802.D1.sp6:164776	VO	M00001434A:A01
1673	802.E1.sp6:164788	VNO	
1674	802.F1.sp6:164800	VO	M00001435A:F03
1675	802.G1.sp6:164812	VO	M00001435A:G01
1676	802.H1.sp6:164824	VO	M00001435B:G10
1677	802.A2.sp6:164741	VO	M00001435C:G08
1678	802.B2.sp6:164753	VNO	
1679	802.C2.sp6:164765	VO	M00001435D:A06
1680	802.D2.sp6:164777	VO	M00001436D:C10
1681	802.E2.sp6:164789	VO	M00001437B:B05
1682	802.G2.sp6:164813	VNO	
1683	802.H2.sp6:164825	VO	M00001438C:H05
1684	802.A3.sp6:164742	VNO	
1685	802.B3.sp6:164754	VO	M00001439B:F10
1686	802.C3.sp6:164766	VO	M00001439C:A01
1687	802.D3.sp6:164778	VO	M00001439C:G06
1688	802.E3.sp6:164790	VO	M00001441D:H05
1689	802.F3.sp6:164802	VO	M00001442A:D08
1690	802.G3.sp6:164814	VNO	
1691	802.H3.sp6:164826	VO	M00001443D:A01
1692	802.A4.sp6:164743	VNO	
1693	802.B4.sp6:164755	VO	M00001444A:A09



SEQ ID NO:	Sample Name	Overlap	Clone Name
1694	802.C4.sp6:164767	VNO	
1695	802.D4.sp6:164779	VNO	
1696	802.E4.sp6:164791	VO	M00001446D:B10
1697	1033.B01.sp6:188325	VO	M00001448A:D05
1698	802.F4.sp6:164803	VO	M00001451B:H11
1699	802.G4.sp6:164815	VNO	
1700	802.H4.sp6:164827	VO	M00001452B:H06
1701	802.A5.sp6:164744	VO	M00001452D:E05
1702	802.C5.sp6:164768	VO	M00001453D:F09
1703	1033.C01.sp6:188337	VO	M00001455A:C03
1704	1033.E01.sp6:188361	VO	M00001456C:F02
1705	1033.F01.sp6:188373	VO	M00001458B:F06
1706	802.D5.sp6:164780	VO	M00001463C:A01
1707	802.E5.sp6:164792	VO	M00001466C:F02
1708	802.F5.sp6:164804	VNO	
1709	802.G5.sp6:164816	VO	M00001471C:G03
1710	1033.G01.sp6:188385	VO	M00001478A:B06
1711	1033.H01.sp6:188397	VO	M00001487D:G03
1712	802.H5.sp6:164828	VO	M00001488B:G12
1713	802.B6.sp6:164757	VO	M00001489B:F08
1714	802.C6.sp6:164769	VO	M00001489D:C08
1715	802.D6.sp6:164781	VO	M00001490B:G04
1716	802.E6.sp6:164793	VO	M00001491C:C01
1717	802.F6.sp6:164805	VNO	
1718	802.G6.sp6:164817	VO	M00001496A:B03
1719	802.H6.sp6:164829	VNO	
1720	802.A7.sp6:164746	VO	M00001496D:D02
1721	802.B7.sp6:164758	VNO	
1722	802.D7.sp6:164782	VNO	
1723	802.E7.sp6:164794	VO	M00001500A:D09
1724	802.F7.sp6:164806	VNO	
1725	802.G7.sp6:164818	VNO	
1726	802.H7.sp6:164830	VO	M00001504D:D09
1727	802.A8.sp6:164747	VO	M00001505A:E09
1728	802.B8.sp6:164759	VO	M00001506A:F01
1729	802.D8.sp6:164783	VO	M00001517D:C03
1730	802.E8.sp6:164795	VO	M00001518D:A10
1731	1033.A02.sp6:188314	VO	M00001530A:D11
1732	802.F8.sp6:164807	VO	M00001536B:B11
1733	802.G8.sp6:164819	VO	M00001537B:C12
1734	1033.B02.sp6:188326	VO	M00001539B:B01
1735	802.H8.sp6:164831	VO	M00001542C:D10
1736	802.A9.sp6:164748	VO	M00001542C:F06

SEQ ID NO:	Sample Name	Overlap	Clone Name
1737	802.B9.sp6:164760	VNO	
1738	802.C9.sp6:164772	VO	M00001543A:E04
1739	802.E9.sp6:164796	VO	M00001546B:H01
1740	802.G9.sp6:164820	VO	M00001551D:C12
1741	802.H9.sp6:164832	VO	M00001552B:D01
1742	802.A10.sp6:164749	VO	M00001553D:B06
1743	802.B10.sp6:164761	VNO	
1744	802.C10.sp6:164773	VO	M00001556D:A11
1745	802.D10.sp6:164785	VNO	
1746	802.E10.sp6:164797	VO	M00001557C:B08
1747	802.F10.sp6:164809	VO	M00001558B:A12
1748	802.G10.sp6:164821	VO	M00001560C:C01
1749	802.H10.sp6:164833	VO	M00001561B:C10
1750	1033.C02.sp6:188338	VO	M00001563C:D06
1751	1033.D02.sp6:188350	VO	M00001564C:D04
1752	1033.E02.sp6:188362	VO	M00001565A:A02
1753	1033.F02.sp6:188374	VO	M00001569B:F04
1754	1033.G02.sp6:188386	VO	M00001572C:E07
1755	1033.H02.sp6:188398	VO	M00001575A:H02
1756	1033.A03.sp6:188315	VO	M00001582D:B10
1757	1033.B03.sp6:188327	VO	M00001584C:A03
1758	1033.E04.sp6:188364	VO	M00001618B:F02
1759	1033.B08.sp6:188332	VO	M00001687C:A06
1760	1033.H12.sp6:188408	VNO	
1761	1034.C05.sp6:188533	VO	M00003830A:A10
1762	1034.F05.sp6:188569	VO	M00003833D:D06
1763	1034.D06.sp6:188546	VO	M00003839D:G06
1764	1034.G06.sp6:188582	VO	M00003843A:B01
1765	1034.H07.sp6:188595	VO	M00003858A:D01
1766	1034.A08.sp6:188512	VO	M00003859C:B09
1767	1034.E08.sp6:188560	VO	M00003868D:F07
1768	1034.C10.sp6:188538	VO	M00003895D:A03
1769	1034.B11.sp6:188527	VO	M00003906C:H12
1770	1034.G11.sp6:188587	VNO	
1771	1034.D12.sp6:188552	VO	M00003918C:E07
1772	1035.H01.sp6:188781	VNO	
1773	1035.G02.sp6:188770	VNO	
1774	325.D3.sp6:145862	VNO	
1775	1035.A05.sp6:188701	VNO	
1776	1035.F05.sp6:188761	VNO	
1777	803.H1.sp6:165016	VNO	
1778	803.F2.sp6:164993	VNO	
1779	1035.G06.sp6:188774	VO	M00004030A:G12

SEQ ID NO:	Sample Name	Overlap	Clone Name
1780	1035.A07.sp6:188703	VO	M00004030B:C05
1781	1035.B07.sp6:188715	VNO	
1782	1035.D08.sp6:188740	VO	M00004035D:C05
1783	1035.G08.sp6:188776	VO	M00004036C:D01
1784	1035.A09.sp6:188705	VNO	
1785	1035.B09.sp6:188717	VO	M00004037B:B05
1786	1035.G09.sp6:188777	VO	M00004038C:D12
1787	803.C4.sp6:164959	VO	M00004051C:D02
1788	803.A5.sp6:164936	VNO	
1789	774.E2.sp6:162484	VO	M00004054D:D02
1790	803.D5.sp6:164972	VNO	
1791	803.C6.sp6:164961	VNO	
1792	803.D6.sp6:164973	VNO	
1793	1035.A12.sp6:188708	VNO	
1794	1035.C12.sp6:188732	VO	M00004076D:B03
1795	774.E4.sp6:162500	VO	M00004081B:C11
1796	1035.G12.sp6:188780	VO	M00004081B:C11
1797	1036.H01.sp6:188973	VO	M00004089A:F02
1798	1036.D02.sp6:188926	VO	M00004091B:G04
1799	1036.G03.sp6:188963	VO	M00004103B:C07
1800	1036.F04.sp6:188952	VNO	
1801	1036.H04.sp6:188976	VO	M00004115A:F01
1802	1036.A05.sp6:188893	VO	M00004115A:G09
1803	1036.B06.sp6:188906	VNO	
1804	803.A7.sp6:164938	VNO	
1805	803.E8.sp6:164987	VNO	
1806	803.F8.sp6:164999	VO	M00004159D:C04
1807	803.A9.sp6:164940	VO	M00004160A:D07
1808	1036.D06.sp6:188930	VO	M00004178B:F06
1809	1036.F06.sp6:188954	VNO	
1810	1036.H06.sp6:188978	VO	M00004184B:F11
1811	1036.D09.sp6:188933	VO	M00004202B:A02
1812	1036.F09.sp6:188957	VO	M00004202B:G09
1813	803.H10.sp6:165025	VNO	
1814	803.H11.sp6:165026	VNO	
1815	803.C12.sp6:164967	VNO	
1816	804.D1.sp6:165160	VNO	
1817	983.D01.sp6:186199	VO	M00004247B:C11
1818	1036.D11.sp6:188935	VO	M00004249C:E12
1819	804.B3.sp6:165138	VNO	
1820	983.B03.sp6:186181	VO	M00004277D:C08
1821	804.F5.sp6:165188	VNO	
1822	983.F05.sp6:186221	VO	M00004337D:G08

SEQ ID NO:	Sample Name	Overlap	Clone Name
1823	983.G05.sp6:186230	VO	M00004345A:H06
1824	804.G5.sp6:165200	VNO	
1825	983.A06.sp6:186174	VO	M00004350B:F06
1826	804.A6.sp6:165129	VNO	
1827	774.D12.sp6:162563	VO	M00004350B:F06
1828	804.F7.sp6:165190	VNO	
1829	983.F07.sp6:186223	VO	M00004446A:G01
1830	992.E01.sp6:186367	VO	M00005332A:H10
1831	992.G02.sp6:186392	VNO	
1832	992.A04.sp6:186322	VO	M00005378C:A10
1833	992.D04.sp6:186358	VO	M00005384A:A01
1834	992.B05.sp6:186335	VO	M00005390B:G10
1835	992.H05.sp6:186407	VO	M00005399A:D01
1836	992.A06.sp6:186324	VNO	
1837	992.B06.sp6:186336	VO	M00005399D:B02
1838	020.G4.sp6:128666	VO	M00005404C:F02
1839	020.G8.sp6:128670	VO	M00005411A:C07
1840	992.H06.sp6:186408	VNO	
1841	953.F01.sp6:185185	VO	M00005411D:A03
1842	992.A07.sp6:186325	VO	M00005411D:A03
1843	992.D08.sp6:186362	VO	M00005446A:G01
1844	992.B09.sp6:186339	VO	M00005450B:B01
1845	953.A07.sp6:185131	VO	M00005450B:B01
1846	953.E07.sp6:185179	VO	M00005452C:A02
1847	992.E09.sp6:186375	VO	M00005452C:A02
1848	992.G09.sp6:186399	VO	M00005455A:D01
1849	992.H09.sp6:186411	VO	M00005455A:G03
1850	992.D11.sp6:186365	VNO	
1851	953.H10.sp6:185218	VO	M00005477C:D08
1852	992.F11.sp6:186389	VO	M00005477C:D08
1853	953.D11.sp6:185171	VO	M00005480A:H12
1854	992.H11.sp6:186413	VO	M00005480C:B12
1855	992.A12.sp6:186330	VO	M00005481C:A05
1856	953.E11.sp6:185183	VO	M00005481C:A05
1857	953.C12.sp6:185160	VO	M00005485C:A03
1858	992.F12.sp6:186390	VO	M00005485C:A03
1859	953.E12.sp6:185184	VO	M00005486C:B03
1860	993.C03.sp6:186537	VO	M00005510B:D06
1861	993.D03.sp6:186549	VO	M00005513A:D08
1862	993.E03.sp6:186561	VO	M00005524C:B01
1863	993.G03.sp6:186585	VO	M00005528D:H06
1864	993.A04.sp6:186514	VO	M00005530B:E04
1865	993.B05.sp6:186527	VO	M00005616B:D05

SEQ ID NO:	Sample Name	Overlap	Clone Name
1866	993.C06.sp6:186540	VNO	
1867	993.B08.sp6:186530	VO	M00005704A:B11
1868	993.C08.sp6:186542	VO	M00005708D:B03
1869	993.D09.sp6:186555	VO	M00005765C:C04
1870	993.E09.sp6:186567	VO	M00005772A:F03
1871	993.F10.sp6:186580	VO	M00006577B:H12
1872	993.C11.sp6:186545	VO	M00006587A:H08
1873	993.D11.sp6:186557	VNO	
1874	993.G11.sp6:186593	VNO	
1875	993.H12.sp6:186606	VO	M00006615B:F05
1876	626.B2.sp6:157417	VO	M00007953B:B03
1877	627.E6.sp6:157649	VO	M00007985A:B09
1878	633.C4.sp6:156098	VO	M00008061A:F02
1879	636.F10.sp6:158241	VO	M00022070B:C10
1880	641.G8.GZ42:158428	VO	M00022109B:A11
1881	642.B7.sp6:156281	VO	M00022176C:A08
1882	1010.F02.sp6:189986	VNO	
1883	1010.A09.sp6:189945	VO	M00022828C:E04
1884	1033.C03.sp6:188339	VO	M00001586A:F09
1885	1033.D03.sp6:188351	VO	M00001588D:H08
1886	1033.E03.sp6:188363	VO	M00001589C:D12
1887	1033.F03.sp6:188375	VO	M00001589D:G10
1888	1033.G03.sp6:188387	VO	M00001590D:A07
1889	802.A11.sp6:164750	VNO	
1890	802.B11.sp6:164762	VO	M00001597C:B03
1891	1033.H03.sp6:188399	VO	M00001598C:D10
1892	1033.A04.sp6:188316	VO	M00001599A:H09
1893	1033.B04.sp6:188328	VNO	
1894	1033.C04.sp6:188340	VO	M00001610B:A01
1895	1033.D04.sp6:188352	VO	M00001614C:G04
1896	1033.F04.sp6:188376	VO	M00001618C:E06
1897	1033.G04.sp6:188388	VO	M00001621C:A04
1898	802.E11.sp6:164798	VNO	
1899	802.G11.sp6:164822	VO	M00001623B:B01
1900	802.H11.sp6:164834	VO	M00001623D:A09
1901	1033.H04.sp6:188400	VO	M00001626B:H05
1902	1033.A05.sp6:188317	VNO	
1903	1033.B05.sp6:188329	VO	M00001634C:E12
1904	1033.C05.sp6:188341	VO	M00001639A:A04
1905	1033.D05.sp6:188353	VNO	
1906	1033.E05.sp6:188365	VO	M00001640A:F04
1907	1033.F05.sp6:188377	VO	M00001641B:G05
1908	802.C12.sp6:164775	VO	M00001644D:F09

SEQ ID NO:	Sample Name	Overlap	Clone Name
1909	1033.G05.sp6:188389	VO	M00001647C:C07
1910	1033.H05.sp6:188401	VO	M00001648C:F06
1911	1033.A06.sp6:188318	VNO	
1912	1033.B06.sp6:188330	VO	M00001649D:H05
1913	1033.D06.sp6:188354	VO	M00001655A:F07
1914	1033.E06.sp6:188366	VO	M00001656D:F11
1915	1033.F06.sp6:188378	VNO	
1916	1033.G06.sp6:188390	VNO	
1917	1033.H06.sp6:188402	VO	M00001660A:F10
1918	1033.A07.sp6:188319	VO	M00001663C:C03
1919	1033.B07.sp6:188331	VO	M00001669A:H11
1920	1033.C07.sp6:188343	VO	M00001669B:A03
1921	1033.D07.sp6:188355	VO	M00001675C:B03
1922	1033.E07.sp6:188367	VO	M00001677A:A06
1923	1033.F07.sp6:188379	VO	M00001677A:A12
1924	1033.G07.sp6:188391	VO	M00001678D:A12
1925	1033.H07.sp6:188403	VNO	
1926	1033.A08.sp6:188320	VNO	
1927	1033.C08.sp6:188344	VO	M00001693D:F07
1928	1033.D08.sp6:188356	VO	M00003741A:E01
1929	1033.E08.sp6:188368	VO	M00003745C:E03
1930	1033.F08.sp6:188380	VO	M00003746A:E01
1931	1033.G08.sp6:188392	VNO	
1932	1033.H08.sp6:188404	VO	M00003748B:B06
1933	1033.A09.sp6:188321	VO	M00003749B:C08
1934	1033.B09.sp6:188333	VO	M00003749D:G07
1935	1033.C09.sp6:188345	VO	M00003752A:B06
1936	1033.D09.sp6:188357	VO	M00003752D:D09
1937	1033.E09.sp6:188369	VO	M00003753C:B01
1938	1033.F09.sp6:188381	VO	M00003754C:F01
1939	1033.G09.sp6:188393	VO	M00003756C:C08
1940	1033.H09.sp6:188405	VO	M00003759A:E10
1941	1033.A10.sp6:188322	VO	M00003762A:D11
1942	1033.B10.sp6:188334	VO	M00003763B:D03
1943	1033.C10.sp6:188346	VO	M00003763D:F06
1944	1033.D10.sp6:188358	VO	M00003765D:E02
1945	1033.E10.sp6:188370	VO	M00003766A:G09
1946	1033.F10.sp6:188382	VO	M00003766B:G04
1947	1033.G10.sp6:188394	VO	M00003767C:F04
1948	1033.H10.sp6:188406	VO	M00003769B:A04
1949	1033.A11.sp6:188323	VO	M00003769D:G12
1950	1033.B11.sp6:188335	VO	M00003770D:C07
1951	1033.C11.sp6:188347	VO	M00003771A:G09

SEQ ID NO:	Sample Name	Overlap	Clone Name
1952	1033.D11.sp6:188359	VO	M00003771D:A10
1953	1033.E11.sp6:188371	VO	M00003773A:C09
1954	1033.F11.sp6:188383	VO	M00003773B:E09
1955	1033.G11.sp6:188395	VO	M00003773B:G08
1956	1033.H11.sp6:188407	VO	M00003773C:G06
1957	1033.A12.sp6:188324	VO	M00003773D:C02
1958	802.E12.sp6:164799	VNO	
1959	802.F12.sp6:164811	VNO	
1960	802.G12.sp6:164823	VO	M00003784C:B09
1961	802.H12.sp6:164835	VO	M00003785D:E01
1962	803.A1.sp6:164932	VNO	
1963	803.B1.sp6:164944	VNO	
1964	803.C1.sp6:164956	VNO	
1965	1033.B12.sp6:188336	VO	M00003789C:E03
1966	1033.C12.sp6:188348	VO	M00003790B:F12
1967	1033.D12.sp6:188360	VO	M00003793C:D11
1968	1033.F12.sp6:188384	VO	M00003796B:C07
1969	1033.G12.sp6:188396	VO	M00003796C:H03
1970	1034.A01.sp6:188505	VO	M00003797D:H06
1971	1034.B01.sp6:188517	VNO	
1972	1034.C01.sp6:188529	VO	M00003801D:F05
1973	1034.D01.sp6:188541	VO	M00003805A:G05
1974	1034.E01.sp6:188553	VO	M00003808C:D09
1975	1034.F01.sp6:188565	VO	M00003809A:A12
1976	1034.G01.sp6:188577	VO	M00003809A:H12
1977	1034.H01.sp6:188589	VO	M00003809B:D08
1978	1034.A02.sp6:188506	VO	M00003811B:E07
1979	1034.B02.sp6:188518	VO	M00003812B:F08
1980	1034.C02.sp6:188530	VO	M00003812D:E08
1981	1034.D02.sp6:188542	VO	M00003813D:A06
1982	1034.E02.sp6:188554	VO	M00003815C:A06
1983	1034.F02.sp6:188566	VNO	
1984	1034.G02.sp6:188578	VNO	
1985	1034.H02.sp6:188590	VO	M00003818A:F09
1986	1034.A03.sp6:188507	VO	M00003818B:A01
1987	1034.B03.sp6:188519	VO	M00003818C:E09
1988	1034.C03.sp6:188531	VNO	
1989	1034.D03.sp6:188543	VO	M00003819C:E04
1990	1034.E03.sp6:188555	VO	M00003819D:G09
1991	1034.F03.sp6:188567	VO	M00003820A:H04
1992	1034.H03.sp6:188591	VO	M00003820D:E02
1993	1034.A04.sp6:188508	VO	M00003821C:E04
1994	1034.B04.sp6:188520	VO	M00003822A:G05

SEQ ID NO:	Sample Name	Overlap	Clone Name
1995	803.E12.sp6:164991	VNO	
1996	020.E2.sp6:128640	VO	M00004242C:C01
1997	019.F9.sp6:128467	VO	M00006720C:C11
1998	019.G10.sp6:128480	VO	M00007019A:B01
1999	1034.C04.sp6:188532	VNO	
2000	1034.D04.sp6:188544	VO	M00003825B:A05
2001	1034.E04.sp6:188556	VNO	
2002	1034.F04.sp6:188568	VO	M00003825C:B02
2003	1034.G04.sp6:188580	VO	M00003825C:B12
2004	1034.B05.sp6:188521	VO	M00003829A:E02
2005	1034.D05.sp6:188545	VO	M00003832B:G03
2006	1034.E05.sp6:188557	VO	M00003833B:A11
2007	1034.G05.sp6:188581	VO	M00003834A:A03
2008	1034.A06.sp6:188510	VO	M00003835D:H05
2009	1034.B06.sp6:188522	VO	M00003837C:F05
2010	1034.C06.sp6:188534	VNO	
2011	1034.E06.sp6:188558	VO	M00003841A:E09
2012	1034.F06.sp6:188570	VO	M00003841B:D05
2013	1034.H06.sp6:188594	VO	M00003844C:D04
2014	1034.A07.sp6:188511	VO	M00003844C:H05
2015	1034.B07.sp6:188523	VO	M00003845A:A05
2016	1034.C07.sp6:188535	VO	M00003846B:H02
2017	1034.D07.sp6:188547	VO	M00003846D:C12
2018	1034.E07.sp6:188559	VO	M00003850B:D11
2019	1034.G07.sp6:188583	VNO	
2020	1034.B08.sp6:188524	VO	M00003860B:A07
2021	803.D1.sp6:164968	VO	M00003862C:H10
2022	803.E1.sp6:164980	VO	M00003864B:A04
2023	803.F1.sp6:164992	VNO	
2024	803.G1.sp6:165004	VO	M00003864D:G05
2025	1034.C08.sp6:188536	VNO	
2026	1034.D08.sp6:188548	VO	M00003868D:F02
2027	1034.F08.sp6:188572	VO	M00003871A:E09
2028	1034.G08.sp6:188584	VNO	
2029	1034.H08.sp6:188596	VNO	
2030	1034.A09.sp6:188513	VNO	
2031	1034.B09.sp6:188525	VO	M00003884D:A12
2032	1034.C09.sp6:188537	VNO	
2033	1034.D09.sp6:188549	VO	M00003887B:C03
2034	1034.E09.sp6:188561	VO	M00003888B:A10
2035	1034.F09.sp6:188573	VO	M00003888C:E01
2036	1034.G09.sp6:188585	VO	M00003890B:H07
2037	1034.H09.sp6:188597	VO	M00003890D:C03



SEQ ID NO:	Sample Name	Overlap	Clone Name
2038	I034.A10.sp6:188514	VO	M00003892D:D04
2039	I034.B10.sp6:188526	VO	M00003893C:D12
2040	I034.D10.sp6:188550	VO	M00003896B:F08
2041	I034.E10.sp6:188562	VO	M00003896D:B01
2042	I034.F10.sp6:188574	VNO	
2043	I034.G10.sp6:188586	VO	M00003903C:H03
2044	I034.H10.sp6:188598	VO	M00003905C:B01
2045	I034.A11.sp6:188515	VO	M00003905C:E10
2046	I034.C11.sp6:188539	VO	M00003909D:G01
2047	I034.D11.sp6:188551	VO	M00003911C:G05
2048	I034.E11.sp6:188563	VO	M00003912B:G11
2049	I034.F11.sp6:188575	VO	M00003912C:C11
2050	I034.H11.sp6:188599	VO	M00003914C:E03
2051	I034.A12.sp6:188516	VO	M00003915A:D09
2052	I034.B12.sp6:188528	VNO	
2053	I034.C12.sp6:188540	VO	M00003915C:G01
2054	I034.E12.sp6:188564	VO	M00003920B:A10
2055	I034.F12.sp6:188576	VNO	
2056	I034.G12.sp6:188588	VO	M00003921D:C06
2057	I034.H12.sp6:188600	VO	M00003923A:H07
2058	I035.A01.sp6:188697	VNO	
2059	I035.B01.sp6:188709	VNO	
2060	I035.C01.sp6:188721	VO	M00003936C:F10
2061	I035.E01.sp6:188745	VO	M00003948B:B03
2062	I035.F01.sp6:188757	VO	M00003949B:A08
2063	I035.G01.sp6:188769	VO	M00003949B:D05
2064	I035.A02.sp6:188698	VO	M00003961B:A12
2065	I035.B02.sp6:188710	VO	M00003961C:G02
2066	I035.C02.sp6:188722	VO	M00003962B:B09
2067	I035.D02.sp6:188734	VO	M00003963B:D12
2068	I035.E02.sp6:188746	VO	M00003965A:F07
2069	I035.F02.sp6:188758	VNO	
2070	I035.H02.sp6:188782	VNO	
2071	I035.A03.sp6:188699	VO	M00003973A:C05
2072	I035.B03.sp6:188711	VO	M00003973B:H06
2073	I035.C03.sp6:188723	VO	M00003974B:A04
2074	I035.D03.sp6:188735	VNO	
2075	I035.E03.sp6:188747	VNO	
2076	I035.F03.sp6:188759	VNO	
2077	I035.G03.sp6:188771	VO	M00003976D:D12
2078	I035.H03.sp6:188783	VO	M00003977C:A08
2079	I035.A04.sp6:188700	VO	M00003980B:F12
2080	I035.B04.sp6:188712	VO	M00003980C:A11

SEQ ID NO:	Sample Name	Overlap	Clone Name
2081	1035.C04.sp6:188724	VO	M00003980C:G10
2082	1035.D04.sp6:188736	VO	M00003981C:E04
2083	1035.H04.sp6:188784	VO	M00003983C:E07
2084	1035.C05.sp6:188725	VNO	
2085	1035.D05.sp6:188737	VO	M00003987D:F06
2086	1035.E05.sp6:188749	VO	M00003988B:C10
2087	1035.G05.sp6:188773	VNO	
2088	803.A2.sp6:164933	VO	M00003992C:G01
2089	803.B2.sp6:164945	VO	M00003992D:G01
2090	803.C2.sp6:164957	VNO	
2091	803.D2.sp6:164969	VO	M00003994C:C11
2092	803.E2.sp6:164981	VO	M00003996D:C04
2093	803.G2.sp6:165005	VO	M00003997D:D07
2094	803.H2.sp6:165017	VNO	
2095	803.A3.sp6:164934	VO	M00003998A:D03
2096	803.B3.sp6:164946	VO	M00003998A:G12
2097	803.C3.sp6:164958	VO	M00003998C:H10
2098	803.D3.sp6:164970	VO	M00003999C:C12
2099	1035.H05.sp6:188785	VO	M00004027A:B10
2100	1035.A06.sp6:188702	VO	M00004027C:H01
2101	1035.B06.sp6:188714	VO	M00004028C:B04
2102	1035.D06.sp6:188738	VO	M00004029A:E01
2103	1035.F06.sp6:188762	VNO	
2104	1035.H06.sp6:188786	VO	M00004030B:B02
2105	1035.C07.sp6:188727	VO	M00004031A:G05
2106	1035.E07.sp6:188751	VO	M00004032D:D03
2107	1035.F07.sp6:188763	VNO	
2108	1035.G07.sp6:188775	VNO	
2109	1035.A08.sp6:188704	VNO	
2110	1035.C08.sp6:188728	VO	M00004035B:H11
2111	1035.E08.sp6:188752	VO	M00004035D:E04
2112	1035.F08.sp6:188764	VO	M00004036B:F09
2113	1035.H08.sp6:188788	VO	M00004037A:A07
2114	1035.C09.sp6:188729	VO	M00004037C:C05
2115	1035.E09.sp6:188753	VO	M00004037D:B05
2116	1035.F09.sp6:188765	VO	M00004038C:C05
2117	1035.H09.sp6:188789	VO	M00004039D:D03
2118	1035.A10.sp6:188706	VO	M00004040B:B09
2119	1035.B10.sp6:188718	VO	M00004040C:G12
2120	1035.C10.sp6:188730	VO	M00004040D:B05
2121	1035.D10.sp6:188742	VO	M00004041B:F01
2122	1035.E10.sp6:188754	VO	M00004041D:E06
2123	1035.F10.sp6:188766	VO	M00004043D:C10

SEQ ID NO:	Sample Name	Overlap	Clone Name
2124	1035.G10.sp6:188778	VNO	
2125	803.E3.sp6:164982	VO	M00004045A:B12
2126	803.F3.sp6:164994	VO	M00004046A:F04
2127	803.G3.sp6:165006	VNO	
2128	803.H3.sp6:165018	VNO	
2129	803.A4.sp6:164935	VNO	
2130	803.B4.sp6:164947	VNO	
2131	803.D4.sp6:164971	VNO	
2132	803.E4.sp6:164983	VO	M00004052C:A08
2133	803.G4.sp6:165007	VO	M00004054B:G02
2134	803.H4.sp6:165019	VO	M00004054D:A03
2135	803.B5.sp6:164948	VO	M00004055B:F06
2136	803.C5.sp6:164960	VO	M00004058B:C11
2137	803.E5.sp6:164984	VO	M00004058C:E08
2138	803.F5.sp6:164996	VO	M00004059A:G09
2139	803.G5.sp6:165008	VO	M00004060C:A02
2140	803.H5.sp6:165020	VNO	
2141	803.A6.sp6:164937	VO	M00004060D:A07
2142	803.B6.sp6:164949	VO	M00004063C:B11
2143	803.E6.sp6:164985	VNO	
2144	1035.H10.sp6:188790	VO	M00004068A:F02
2145	1035.A11.sp6:188707	VO	M00004068B:D04
2146	1035.B11.sp6:188719	VNO	
2147	1035.C11.sp6:188731	VO	M00004069B:B01
2148	1035.D11.sp6:188743	VO	M00004069D:G02
2149	1035.E11.sp6:188755	VO	M00004071A:H03
2150	1035.F11.sp6:188767	VO	M00004073D:B11
2151	1035.G11.sp6:188779	VNO	
2152	1035.H11.sp6:188791	VNO	
2153	1035.B12.sp6:188720	VNO	
2154	1035.D12.sp6:188744	VNO	
2155	1035.E12.sp6:188756	VNO	
2156	1035.F12.sp6:188768	VO	M00004078C:A08
2157	1035.H12.sp6:188792	VO	M00004081C:A01
2158	1036.A01.sp6:188889	VO	M00004084A:D11
2159	1036.B01.sp6:188901	VO	M00004084C:G04
2160	1036.C01.sp6:188913	VO	M00004085B:G06
2161	1036.D01.sp6:188925	VO	M00004086A:A03
2162	1036.E01.sp6:188937	VO	M00004086D:A07
2163	1036.F01.sp6:188949	VO	M00004087C:F05
2164	1036.G01.sp6:188961	VO	M00004088A:F12
2165	1036.A02.sp6:188890	VO	M00004089A:G03
2166	1036.B02.sp6:188902	VO	M00004091A:E01

SEQ ID NO:	Sample Name	Overlap	Clone Name
2167	1036.C02.sp6:188914	VO	M00004091B:C12
2168	1036.E02.sp6:188938	VO	M00004091C:F04
2169	1036.F02.sp6:188950	VO	M00004091D:D09
2170	1036.G02.sp6:188962	VO	M00004092A:C03
2171	1036.H02.sp6:188974	VO	M00004092A:D04
2172	1036.A03.sp6:188891	VO	M00004093A:F03
2173	1036.B03.sp6:188903	VO	M00004093D:D09
2174	1036.C03.sp6:188915	VNO	
2175	1036.D03.sp6:188927	VO	M00004101D:A03
2176	1036.E03.sp6:188939	VO	M00004102B:B04
2177	1036.F03.sp6:188951	VO	M00004102C:F07
2178	1036.H03.sp6:188975	VNO	
2179	1036.A04.sp6:188892	VNO	
2180	1036.B04.sp6:188904	VNO	
2181	1036.C04.sp6:188916	VNO	
2182	1036.D04.sp6:188928	VO	M00004107C:A01
2183	1036.E04.sp6:188940	VNO	
2184	1036.G04.sp6:188964	VO	M00004114C:F02
2185	1036.C05.sp6:188917	VO	M00004117B:F01
2186	1036.D05.sp6:188929	VO	M00004120A:C02
2187	1036.E05.sp6:188941	VO	M00004126B:G02
2188	1036.F05.sp6:188953	VNO	
2189	1036.G05.sp6:188965	VO	M00004129A:H08
2190	1036.H05.sp6:188977	VO	M00004130C:A09
2191	1036.A06.sp6:188894	VO	M00004130D:E04
2192	1036.C06.sp6:188918	VO	M00004133D:A01
2193	803.F6.sp6:164997	VNO	
2194	803.G6.sp6:165009	VNO	
2195	803.H6.sp6:165021	VNO	
2196	803.B7.sp6:164950	VO	M00004143A:G12
2197	803.C7.sp6:164962	VO	M00004143A:H07
2198	803.D7.sp6:164974	VNO	
2199	803.E7.sp6:164986	VNO	
2200	803.F7.sp6:164998	VO	M00004145C:A03
2201	803.G7.sp6:165010	VO	M00004146D:A07
2202	803.H7.sp6:165022	VO	M00004147A:G03
2203	803.A8.sp6:164939	VO	M00004149B:H12
2204	803.B8.sp6:164951	VNO	
2205	803.C8.sp6:164963	VO	M00004153D:E06
2206	803.D8.sp6:164975	VO	M00004154D:F11
2207	803.G8.sp6:165011	VNO	
2208	803.H8.sp6:165023	VNO	
2209	803.B9.sp6:164952	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
2210	803.C9.sp6:164964	VNO	
2211	803.D9.sp6:164976	VNO	
2212	803.E9.sp6:164988	VNO	
2213	803.F9.sp6:165000	VNO	
2214	803.G9.sp6:165012	VO	M00004166B:E10
2215	803.H9.sp6:165024	VO	M00004166C:A03
2216	803.A10.sp6:164941	VO	M00004166D:G07
2217	803.B10.sp6:164953	VNO	
2218	803.C10.sp6:164965	VNO	
2219	1036.E06.sp6:188942	VO	M00004180B:F04
2220	1036.G06.sp6:188966	VNO	
2221	803.D10.sp6:164977	VNO	
2222	1036.A07.sp6:188895	VNO	
2223	1036.B07.sp6:188907	VNO	
2224	1036.C07.sp6:188919	VNO	
2225	1036.D07.sp6:188931	VO	M00004188A:E10
2226	1036.F07.sp6:188955	VNO	
2227	1036.G07.sp6:188967	VO	M00004190C:G07
2228	1036.H07.sp6:188979	VO	M00004190D:A10
2229	1036.A08.sp6:188896	VNO	
2230	1036.B08.sp6:188908	VO	M00004191B:G01
2231	1036.C08.sp6:188920	VO	M00004193A:C07
2232	1036.D08.sp6:188932	VO	M00004193C:H01
2233	803.E10.sp6:164989	VO	M00004196C:G05
2234	1036.E08.sp6:188944	VO	M00004198D:H04
2235	1036.F08.sp6:188956	VO	M00004199D:C02
2236	1036.G08.sp6:188968	VO	M00004200A:A09
2237	1036.H08.sp6:188980	VO	M00004200A:G06
2238	803.F10.sp6:165001	VNO	
2239	1036.A09.sp6:188897	VO	M00004200D:A07
2240	1036.B09.sp6:188909	VO	M00004201D:C11
2241	1036.C09.sp6:188921	VO	M00004201D:E12
2242	1036.E09.sp6:188945	VNO	
2243	1036.G09.sp6:188969	VO	M00004204A:D04
2244	1036.H09.sp6:188981	VO	M00004204A:D10
2245	1036.A10.sp6:188898	VO	M00004204B:A04
2246	1036.B10.sp6:188910	VNO	
2247	1036.C10.sp6:188922	VO	M00004210A:B09
2248	1036.D10.sp6:188934	VO	M00004213A:H12
2249	1036.E10.sp6:188946	VO	M00004214A:D03
2250	1036.F10.sp6:188958	VO	M00004216D:E10
2251	1036.G10.sp6:188970	VO	M00004217A:A05
2252	1036.H10.sp6:188982	VO	M00004217A:A11

SEQ ID NO:	Sample Name	Overlap	Clone Name
2253	1036.A11.sp6:188899	VO	M00004217D:G10
2254	1036.B11.sp6:188911	VO	M00004218C:G10
2255	1036.C11.sp6:188923	VNO	
2256	803.G10.sp6:165013	VNO	
2257	803.A11.sp6:164942	VNO	
2258	803.B11.sp6:164954	VNO	
2259	803.C11.sp6:164966	VNO	
2260	803.D11.sp6:164978	VO	M00004234B:E03
2261	803.E11.sp6:164990	VO	M00004234B:G06
2262	803.G11.sp6:165014	VO	M00004236D:F04
2263	803.A12.sp6:164943	VNO	
2264	803.B12.sp6:164955	VO	M00004240D:A07
2265	803.D12.sp6:164979	VNO	
2266	803.F12.sp6:165003	VO	M00004242C:C02
2267	803.G12.sp6:165015	VNO	
2268	803.H12.sp6:165027	VO	M00004244B:A02
2269	804.A1.sp6:165124	VNO	
2270	983.A01.sp6:186169	VO	M00004245A:G09
2271	983.B01.sp6:186179	VO	M00004245C:A03
2272	804.C1.sp6:165148	VNO	
2273	983.C01.sp6:186189	VO	M00004247A:E01
2274	983.E01.sp6:186208	VO	M00004248A:G08
2275	804.E1.sp6:165172	VNO	
2276	1036.E11.sp6:188947	VNO	
2277	1036.F11.sp6:188959	VO	M00004252D:A07
2278	1036.G11.sp6:188971	VO	M00004252D:H08
2279	1036.H11.sp6:188983	VO	M00004253B:A10
2280	1036.A12.sp6:188900	VO	M00004253B:F06
2281	1036.B12.sp6:188912	VO	M00004253C:E10
2282	1036.C12.sp6:188924	VO	M00004253D:F09
2283	1036.D12.sp6:188936	VO	M00004257C:A08
2284	1036.E12.sp6:188948	VO	M00004260A:B07
2285	1036.F12.sp6:188960	VO	M00004260C:A12
2286	1036.G12.sp6:188972	VO	M00004260C:E10
2287	1036.H12.sp6:188984	VO	M00004262C:C01
2288	804.F1.sp6:165184	VNO	
2289	983.F01.sp6:186217	VO	M00004263D:F06
2290	983.G01.sp6:186226	VNO	
2291	983.H01.sp6:186235	VO	M00004266B:H06
2292	804.H1.sp6:165208	VNO	
2293	983.A02.sp6:186170	VO	M00004268C:F08
2294	983.B02.sp6:186180	VO	M00004268D:G07
2295	804.B2.sp6:165137	VNO	

SEQ ID NO:	Sample Name	Overlap	Clone Name
2296	983.C02.sp6:186190	VO	M00004269A:B11
2297	804.D2.sp6:165161	VNO	
2298	983.D02.sp6:186200	VO	M00004269D:E08
2299	983.E02.sp6:186209	VO	M00004272D:D02
2300	804.E2.sp6:165173	VNO	
2301	804.F2.sp6:165185	VNO	
2302	983.F02.sp6:186218	VO	M00004273D:E11
2303	804.G2.sp6:165197	VNO	
2304	983.G02.sp6:186227	VO	M00004276C:E12
2305	804.H2.sp6:165209	VNO	
2306	983.H02.sp6:186236	VNO	
2307	983.A03.sp6:186171	VO	M00004277C:H11
2308	804.A3.sp6:165126	VNO	
2309	804.C3.sp6:165150	VNO	
2310	983.C03.sp6:186191	VO	M00004279D:E02
2311	983.D03.sp6:186201	VNO	
2312	804.D3.sp6:165162	VNO	
2313	983.E03.sp6:186210	VO	M00004281B:B05
2314	804.E3.sp6:165174	VNO	
2315	804.F3.sp6:165186	VNO	
2316	983.F03.sp6:186219	VO	M00004283C:D03
2317	983.G03.sp6:186228	VNO	
2318	804.G3.sp6:165198	VNO	
2319	804.H3.sp6:165210	VNO	
2320	983.H03.sp6:186237	VO	M00004285B:E01
2321	804.A4.sp6:165127	VNO	
2322	983.A04.sp6:186172	VNO	
2323	804.B4.sp6:165139	VNO	
2324	983.B04.sp6:186182	VNO	
2325	804.C4.sp6:165151	VNO	
2326	983.C04.sp6:186192	VNO	
2327	983.D04.sp6:186202	VO	M00004297D:E08
2328	804.D4.sp6:165163	VNO	
2329	804.E4.sp6:165175	VNO	
2330	983.E04.sp6:186211	VO	M00004298B:D04
2331	804.F4.sp6:165187	VNO	
2332	983.F04.sp6:186220	VO	M00004308A:E06
2333	804.G4.sp6:165199	VNO	
2334	983.G04.sp6:186229	VO	M00004324B:D09
2335	983.H04.sp6:186238	VO	M00004328A:H06
2336	804.H4.sp6:165211	VNO	
2337	804.A5.sp6:165128	VNO	
2338	983.A05.sp6:186173	VO	M00004329C:F11

SEQ ID NO:	Sample Name	Overlap	Clone Name
2339	804.B5.sp6:165140	VNO	
2340	983.B05.sp6:186183	VO	M00004331D:H08
2341	983.C05.sp6:186193	VNO	
2342	804.C5.sp6:165152	VNO	
2343	983.D05.sp6:186203	VO	M00004332B:E11
2344	804.D5.sp6:165164	VNO	
2345	983.E05.sp6:186212	VO	M00004332C:E09
2346	804.E5.sp6:165176	VNO	
2347	983.H05.sp6:186239	VNO	
2348	804.H5.sp6:165212	VNO	
2349	804.B6.sp6:165141	VNO	
2350	983.B06.sp6:186184	VO	M00004383A:F02
2351	983.C06.sp6:186194	VO	M00004385C:B11
2352	804.C6.sp6:165153	VNO	
2353	983.D06.sp6:186204	VO	M00004388C:D05
2354	804.D6.sp6:165165	VNO	
2355	804.E6.sp6:165177	VNO	
2356	983.E06.sp6:186213	VO	M00004389C:E01
2357	983.F06.sp6:186222	VNO	
2358	804.F6.sp6:165189	VNO	
2359	983.G06.sp6:186231	VO	M00004406A:H03
2360	804.G6.sp6:165201	VNO	
2361	983.H06.sp6:186240	VNO	
2362	804.H6.sp6:165213	VNO	
2363	804.A7.sp6:165130	VO	M00004408D:A10
2364	983.A07.sp6:186175	VO	M00004408D:A10
2365	983.B07.sp6:186185	VO	M00004410A:E03
2366	983.C07.sp6:186195	VO	M00004412B:E03
2367	983.D07.sp6:186205	VO	M00004419D:G01
2368	804.E7.sp6:165178	VNO	
2369	983.E07.sp6:186214	VO	M00004421A:G04
2370	804.G7.sp6:165202	VNO	
2371	983.G07.sp6:186232	VO	M00004447D:D10
2372	804.H7.sp6:165214	VNO	
2373	983.H07.sp6:186241	VO	M00004449D:H01
2374	983.A08.sp6:186176	VO	M00004460B:H09
2375	804.A8.sp6:165131	VNO	
2376	804.B8.sp6:165143	VNO	
2377	983.B08.sp6:186186	VNO	
2378	983.C08.sp6:186196	VO	M00004465C:B10
2379	804.C8.sp6:165155	VNO	
2380	983.D08.sp6:186206	VO	M00004465C:B12
2381	804.D8.sp6:165167	VNO	



SEQ ID NO:	Sample Name	Overlap	Clone Name
2382	983.E08.sp6:186215	VNO	
2383	804.E8.sp6:165179	VNO	
2384	983.F08.sp6:186224	VO	M00004467A:F09
2385	804.F8.sp6:165191	VNO	
2386	804.G8.sp6:165203	VNO	
2387	983.G08.sp6:186233	VO	M00004467D:F09
2388	804.H8.sp6:165215	VNO	
2389	983.H08.sp6:186242	VO	M00004469A:C12
2390	804.A9.sp6:165132	VNO	
2391	983.A09.sp6:186177	VNO	
2392	983.B09.sp6:186187	VO	M00004491D:D07
2393	804.B9.sp6:165144	VNO	
2394	804.C9.sp6:165156	VNO	
2395	983.C09.sp6:186197	VO	M00004497C:E09
2396	983.D09.sp6:186207	VO	M00004498B:E01
2397	804.D9.sp6:165168	VNO	
2398	804.E9.sp6:165180	VNO	
2399	983.E09.sp6:186216	VO	M00004501A:G06
2400	983.F09.sp6:186225	VO	M00004506C:H10
2401	804.G9.sp6:165204	VNO	
2402	983.G09.sp6:186234	VO	M00004508A:G12
2403	804.H9.sp6:165216	VNO	
2404	983.H09.sp6:186243	VO	M00004508B:G02
2405	804.A10.sp6:165133	VNO	
2406	983.A10.sp6:186178	VO	M00004509A:H02
2407	983.B10.sp6:186188	VNO	
2408	804.B10.sp6:165145	VNO	
2409	983.C10.sp6:186198	VO	M00004609C:C11
2410	992.B01.sp6:186331	VO	M00005294D:H02
2411	992.C01.sp6:186343	VO	M00005326B:F03
2412	992.G01.sp6:186391	VO	M00005342A:C04
2413	992.H01.sp6:186403	VO	M00005342A:D04
2414	992.A02.sp6:186320	VO	M00005342B:G10
2415	992.B02.sp6:186332	VO	M00005342D:F03
2416	992.C02.sp6:186344	VO	M00005349B:G01
2417	992.D02.sp6:186356	VO	M00005352B:D02
2418	992.H02.sp6:186404	VO	M00005354C:E02
2419	992.A03.sp6:186321	VO	M00005356A:D09
2420	992.C03.sp6:186345	VO	M00005359D:G07
2421	992.E03.sp6:186369	VO	M00005377A:A04
2422	992.H03.sp6:186405	VO	M00005378A:A08
2423	992.B04.sp6:186334	VO	M00005383D:D06
2424	992.C04.sp6:186346	VO	M00005383D:E07

SEQ ID NO:	Sample Name	Overlap	Clone Name
2425	992.E04.sp6:186370	VNO	
2426	992.F04.sp6:186382	VO	M00005385C:G05
2427	992.G04.sp6:186394	VNO	
2428	992.A05.sp6:186323	VO	M00005388D:F09
2429	992.D05.sp6:186359	VO	M00005393A:E11
2430	992.E05.sp6:186371	VO	M00005394A:G07
2431	992.G05.sp6:186395	VO	M00005397C:B03
2432	992.D06.sp6:186360	VNO	
2433	992.G06.sp6:186396	VO	M00005409D:C02
2434	992.C07.sp6:186349	VO	M00005415C:G08
2435	992.E07.sp6:186373	VO	M00005417A:E10
2436	992.F07.sp6:186385	VNO	
2437	992.A08.sp6:186326	VO	M00005442D:C05
2438	992.B08.sp6:186338	VNO	
2439	992.C08.sp6:186350	VO	M00005444B:E11
2440	992.E08.sp6:186374	VO	M00005446C:D12
2441	992.F08.sp6:186386	VNO	
2442	992.G08.sp6:186398	VNO	
2443	992.H08.sp6:186410	VNO	
2444	992.D09.sp6:186363	VNO	
2445	992.F09.sp6:186387	VO	M00005454C:H12
2446	992.E10.sp6:186376	VO	M00005462C:B02
2447	992.H10.sp6:186412	VO	M00005468A:D08
2448	953.H09.sp6:185217	VO	M00005468A:D08
2449	992.C11.sp6:186353	VO	M00005469D:C11
2450	992.D12.sp6:186366	VO	M00005483D:A12
2451	992.E12.sp6:186378	VO	M00005484A:D09
2452	992.H12.sp6:186414	VNO	
2453	993.A01.sp6:186511	VNO	
2454	993.B01.sp6:186523	VO	M00005491B:C03
2455	993.C01.sp6:186535	VO	M00005493B:A12
2456	993.D01.sp6:186547	VO	M00005493B:C08
2457	993.E01.sp6:186559	VO	M00005493B:E01
2458	993.F01.sp6:186571	VO	M00005494D:F11
2459	993.G01.sp6:186583	VO	M00005496C:A01
2460	993.H01.sp6:186595	VO	M00005496D:A10
2461	993.A02.sp6:186512	VO	M00005497B:H07
2462	993.B02.sp6:186524	VO	M00005497C:C07
2463	993.C02.sp6:186536	VNO	
2464	993.D02.sp6:186548	VO	M00005497C:C12
2465	993.E02.sp6:186560	VO	M00005497C:E03
2466	993.F02.sp6:186572	VO	M00005498B:F08
2467	993.G02.sp6:186584	VO	M00005498C:G05

SEQ ID NO:	Sample Name	Overlap	Clone Name
2468	993.H02.sp6:186596	VO	M00005505A:C08
2469	993.A03.sp6:186513	VO	M00005508A:H01
2470	993.B03.sp6:186525	VO	M00005508B:B04
2471	993.F03.sp6:186573	VO	M00005528D:A10
2472	993.H03.sp6:186597	VO	M00005530B:D03
2473	993.B04.sp6:186526	VO	M00005534A:G06
2474	993.C04.sp6:186538	VO	M00005534B:H10
2475	993.D04.sp6:186550	VO	M00005539D:G07
2476	993.E04.sp6:186562	VO	M00005548B:E03
2477	993.F04.sp6:186574	VO	M00005550B:D09
2478	993.G04.sp6:186586	VO	M00005565C:A08
2479	993.H04.sp6:186598	VO	M00005571A:E11
2480	993.A05.sp6:186515	VO	M00005589C:B03
2481	993.C05.sp6:186539	VNO	
2482	993.D05.sp6:186551	VO	M00005620C:C05
2483	993.E05.sp6:186563	VO	M00005621A:G10
2484	993.F05.sp6:186575	VO	M00005621D:F01
2485	993.G05.sp6:186587	VNO	
2486	993.H05.sp6:186599	VO	M00005626A:B11
2487	993.A06.sp6:186516	VO	M00005631A:A11
2488	993.B06.sp6:186528	VO	M00005632C:D06
2489	993.D06.sp6:186552	VNO	
2490	993.E06.sp6:186564	VO	M00005636C:D11
2491	993.F06.sp6:186576	VO	M00005637B:D12
2492	993.G06.sp6:186588	VNO	
2493	993.H06.sp6:186600	VNO	
2494	993.A07.sp6:186517	VO	M00005642B:C03
2495	993.B07.sp6:186529	VO	M00005645D:F08
2496	993.C07.sp6:186541	VNO	
2497	993.D07.sp6:186553	VNO	
2498	993.E07.sp6:186565	VO	M00005647D:D09
2499	993.F07.sp6:186577	VO	M00005655B:C02
2500	993.G07.sp6:186589	VNO	
2501	993.H07.sp6:186601	VO	M00005703A:C08
2502	993.A08.sp6:186518	VNO	
2503	993.D08.sp6:186554	VO	M00005710A:C08
2504	993.E08.sp6:186566	VO	M00005720A:D03
2505	993.F08.sp6:186578	VO	M00005720B:D09
2506	993.G08.sp6:186590	VNO	
2507	993.H08.sp6:186602	VO	M00005722D:G03
2508	993.A09.sp6:186519	VO	M00005743B:F02
2509	993.B09.sp6:186531	VO	M00005762D:A01
2510	993.C09.sp6:186543	VO	M00005763B:H09

SEQ ID NO:	Sample Name	Overlap	Clone Name
2511	993.F09.sp6:186579	VO	M00005783A:C05
2512	993.G09.sp6:186591	VO	M00005810C:D04
2513	993.H09.sp6:186603	VO	M00005812C:F10
2514	993.A10.sp6:186520	VO	M00005813D:F06
2515	993.C10.sp6:186544	VO	M00005818C:E08
2516	993.D10.sp6:186556	VO	M00005818C:G01
2517	993.E10.sp6:186568	VO	M00006576D:F11
2518	993.G10.sp6:186592	VO	M00006581C:D02
2519	993.H10.sp6:186604	VO	M00006581D:H08
2520	993.A11.sp6:186521	VNO	
2521	993.B11.sp6:186533	VO	M00006582D:E05
2522	993.E11.sp6:186569	VO	M00006594A:E08
2523	993.F11.sp6:186581	VO	M00006594D:F09
2524	993.H11.sp6:186605	VO	M00006596D:H04
2525	993.A12.sp6:186522	VO	M00006601C:A07
2526	993.B12.sp6:186534	VO	M00006601C:E06
2527	993.C12.sp6:186546	VO	M00006601D:F04
2528	993.D12.sp6:186558	VO	M00006604C:H10
2529	993.E12.sp6:186570	VO	M00006607B:E03
2530	993.F12.sp6:186582	VO	M00006607B:F04
2531	993.G12.sp6:186594	VO	M00006609A:G10
2532	1010.A01.sp6:189937	VO	M00022495C:G05
2533	1010.B01.sp6:189947	VO	M00022498C:C08
2534	1010.C01.sp6:189957	VO	M00022504B:E03
2535	1010.D01.sp6:189967	VO	M00022505D:A12
2536	1010.E01.sp6:189976	VO	M00022509D:F06
2537	1010.F01.sp6:189985	VNO	
2538	1010.G01.sp6:189994	VO	M00022515D:C04
2539	1010.H01.sp6:190003	VO	M00022527A:E05
2540	1010.A02.sp6:189938	VO	M00022527D:B03
2541	1010.B02.sp6:189948	VO	M00022531B:D07
2542	1010.C02.sp6:189958	VO	M00022535D:B11
2543	1010.D02.sp6:189968	VO	M00022535D:C04
2544	1010.E02.sp6:189977	VO	M00022536B:B04
2545	1010.G02.sp6:189995	VO	M00022551A:G03
2546	1010.H02.sp6:190004	VO	M00022556B:C04
2547	1010.A03.sp6:189939	VO	M00022556B:G02
2548	1010.B03.sp6:189949	VNO	
2549	1010.C03.sp6:189959	VO	M00022562C:H10
2550	1010.D03.sp6:189969	VNO	
2551	1010.E03.sp6:189978	VO	M00022578B:G05
2552	1010.F03.sp6:189987	VO	M00022578C:B07
2553	1010.G03.sp6:189996	VO	M00022578D:A08

SEQ ID NO:	Sample Name	Overlap	Clone Name
2554	1010.H03.sp6:190005	VO	M00022578D:F03
2555	1010.A04.sp6:189940	VNO	
2556	1010.B04.sp6:189950	VO	M00022583B:E05
2557	1010.C04.sp6:189960	VO	M00022587C:G04
2558	1010.D04.sp6:189970	VO	M00022594B:H12
2559	1010.E04.sp6:189979	VO	M00022597B:F11
2560	1010.F04.sp6:189988	VO	M00022598A:F11
2561	1010.G04.sp6:189997	VNO	
2562	1010.H04.sp6:190006	VO	M00022599D:E07
2563	1010.A05.sp6:189941	VO	M00022600C:A06
2564	1010.B05.sp6:189951	VO	M00022604B:C11
2565	1010.C05.sp6:189961	VO	M00022607B:A04
2566	1010.D05.sp6:189971	VO	M00022613D:C04
2567	1010.E05.sp6:189980	VO	M00022651D:C06
2568	1010.F05.sp6:189989	VNO	
2569	1010.G05.sp6:189998	VNO	
2570	1010.H05.sp6:190007	VO	M00022666B:E12
2571	1010.A06.sp6:189942	VO	M00022666C:H11
2572	1010.B06.sp6:189952	VNO	
2573	1010.C06.sp6:189962	VO	M00022681C:H02
2574	1010.D06.sp6:189972	VO	M00022682A:F12
2575	1010.E06.sp6:189981	VO	M00022685A:F11
2576	1010.F06.sp6:189990	VO	M00022698C:E06
2577	1010.G06.sp6:189999	VO	M00022701B:B12
2578	1010.H06.sp6:190008	VO	M00022708A:C08
2579	1010.A07.sp6:189943	VO	M00022708D:G10
2580	1010.B07.sp6:189953	VO	M00022716D:D08
2581	1010.C07.sp6:189963	VNO	
2582	1010.D07.sp6:189973	VO	M00022725C:B03
2583	1010.E07.sp6:189982	VO	M00022725C:E09
2584	1010.F07.sp6:189991	VO	M00022726A:A06
2585	1010.G07.sp6:190000	VNO	
2586	1010.H07.sp6:190009	VNO	
2587	1010.A08.sp6:189944	VO	M00022730A:E04
2588	1010.B08.sp6:189954	VNO	
2589	1010.C08.sp6:189964	VO	M00022735B:B01
2590	1010.D08.sp6:189974	VO	M00022737A:C08
2591	1010.E08.sp6:189983	VNO	
2592	1010.F08.sp6:189992	VO	M00022745B:G02
2593	1010.G08.sp6:190001	VO	M00022763A:E10
2594	1010.H08.sp6:190010	VO	M00022824C:H11
2595	1010.B09.sp6:189955	VO	M00022835C:E06
2596	1010.C09.sp6:189965	VO	M00022854D:H07

SEQ ID NO:	Sample Name	Overlap	Clone Name
2597	1010.D09.sp6:189975	VO	M00022856A:D02
2598	1010.E09.sp6:189984	VNO	
2599	1010.F09.sp6:189993	VO	M00022856B:F04
2600	1010.G09.sp6:190002	VO	M00022856C:B11
2601	1010.H09.sp6:190011	VO	M00022893C:H11
2602	1010.A10.sp6:189946	VO	M00022897A:F04
2603	1010.B10.sp6:189956	VO	M00022900D:E08
2604	1010.C10.sp6:189966	VO	M00022900D:G03
2605	019.C4.sp6:128426	VO	M00004190A:A09
2606	774.C8.sp6:162530	VO	M00004190A:A09
2607	1036.E07.sp6:188943	VO	M00004190A:A09
2608	019.E11.sp6:128457	VO	M00005817D:E12
2609	993.B10.sp6:186532	VO	M00005817D:E12
2610	019.G5.sp6:128475	VO	M00006927C:F12

Table 1C

SEQ ID NO:	Sequence Name	THC Accession No.
2611	RTA00000587F.p.24.1.Seq	THC226834
2612	RTA00000629F.l.02.1.Seq	THC210324
2613	RTA00000623F.n.17.1.Seq	THC208388
2614	RTA00000593F.i.08.2.Seq	H91190
2615	RTA00000622F.b.03.1.Seq	AA554045
2616	RTA00000618F.e.06.1.Seq	THC226692
2617	RTA00000592F.o.02.1.Seq	AA099789
2618	RTA00000618F.c.04.1.Seq	THC222808
2619	RTA00000590F.i.01.1.Seq	THC173163
2620	RTA00000606F.o.14.1.Seq	THC223717
2621	RTA00000626F.d.07.1.Seq	THC234888
2622	RTA00000587F.l.08.1.Seq	THC104384
2623	RTA00000586F.a.13.1.Seq	THC140691
2624	RTA00000617F.a.17.1.Seq	THC221850
2625	RTA00000615F.b.23.1.Seq	THC205191
2626	RTA00000632F.f.10.1.Seq	N39216
2627	RTA00000607F.o.13.2.Seq	THC233619
2628	RTA00000622F.c.12.1.Seq	THC118482
2629	RTA00000625F.b.07.1.Seq	THC223154
2630	RTA00000587F.j.01.1.Seq	H63018
2631	RTA00000608F.i.15.1.Seq	THC216448
2632	RTA00000592F.j.06.1.Seq	THC148215
2633	RTA00000589F.b.14.1.Seq	THC158020
2634	RTA00000633F.g.19.1.Seq	THC202541
2635	RTA00000620F.o.07.1.Seq	THC155200
2636	RTA00000586F.p.01.1.Seq	AA558590
2637	RTA00000630F.l.10.1.Seq	THC204748
2638	RTA00000626F.c.13.1.Seq	AA159259
2639	RTA00000591F.m.06.1.Seq	THC227858
2640	RTA00000630F.i.11.1.Seq	THC228806
2641	RTA00000621F.h.08.1.Seq	THC163604
2642	RTA00000589F.d.10.1.Seq	THC177076
2643	RTA00000597F.p.01.1.Seq	THC210746
2644	RTA00000619F.c.13.1.Seq	R57955
2645	RTA00000607F.c.07.2.Seq	THC208762
2646	RTA00000595F.b.02.1.Seq	THC233682
2647	RTA00000631F.h.04.1.Seq	THC223281
2648	RTA00000596F.p.18.1.Seq	THC197103
2649	RTA00000586F.o.13.1.Seq	THC222729
2650	RTA00000610F.p.17.1.Seq	EST19015
2651	RTA00000596F.c.05.1.Seq	EST72617

SEQ ID NO:	Sequence Name	THC Accession No.
2652	RTA00000632F.j.19.1.Seq	THC90741
2653	RTA00000607F.e.23.2.Seq	AA639216
2654	RTA00000628F.b.19.1.Seq	THC118075
2655	RTA00000609F.d.13.1.Seq	THC195579
2656	RTA00000621F.k.03.1.Seq	EST70278
2657	RTA00000592F.l.04.1.Seq	THC91941
2658	RTA00000592F.k.09.1.Seq	THC229803
2659	RTA00000622F.e.17.1.Seq	R57425
2660	RTA00000628F.g.13.1.Seq	THC176706
2661	RTA00000592F.k.23.1.Seq	THC232202
2662	RTA00000609F.m.04.2.Seq	AA507611
2663	RTA00000626F.b.04.1.Seq	EST69420
2664	RTA00000591F.m.01.1.Seq	H41850
2665	RTA00000608F.n.23.1.Seq	THC214886
2666	RTA00000583F.d.19.1.Seq	THC229251
2667	RTA00000621F.p.15.1.Seq	THC212450
2668	RTA00000583F.n.05.1.Seq	AA252468
2669	RTA00000597F.f.17.1.Seq	THC219322
2670	RTA00000606F.l.10.1.Seq	THC225232
2671	RTA00000618F.n.14.1.Seq	THC216591
2672	RTA00000612F.h.05.3.Seq	THC158250
2673	RTA00000619F.a.24.1.Seq	AA437370
2674	RTA00000617F.k.13.1.Seq	AA244445
2675	RTA00000623F.h.07.1.Seq	THC212330
2676	RTA00000620F.e.01.1.Seq	THC167493
2677	RTA00000620F.h.10.1.Seq	THC232456
2678	RTA00000589F.e.21.2.Seq	THC208239
2679	RTA00000626F.b.22.1.Seq	THC225644
2680	RTA00000620F.i.16.1.Seq	AA536090
2681	RTA00000613F.c.17.1.Seq	THC92470
2682	RTA00000621F.c.12.1.Seq	THC156244
2683	RTA00000618F.b.17.1.Seq	THC209838
2684	RTA00000585F.d.16.1.Seq	THC211870
2685	RTA00000592F.a.06.1.Seq	THC233200
2686	RTA00000583F.p.08.1.Seq	THC196844
2687	RTA00000622F.h.21.1.Seq	EST12698
2688	RTA00000591F.h.03.1.Seq	THC213771
2689	RTA00000620F.g.22.1.Seq	THC224063
2690	RTA00000588F.l.20.2.Seq	R84876
2691	RTA00000614F.a.20.1.Seq	R84876
2692	RTA00000611F.n.14.3.Seq	THC200742
2693	RTA00000619F.f.23.1.Seq	THC227573



SEQ ID NO:	Sequence Name	THC Accession No.
2694	RTA00000608F.g.24.1.Seq	T93977
2695	RTA00000595F.o.01.2.Seq	EST61392
2696	RTA00000608F.b.23.1.Seq	THC161665
2697	RTA00000606F.o.23.1.Seq	AA464645
2698	RTA00000588F.i.22.3.Seq	THC162216
2699	RTA00000610F.i.13.1.Seq	AA595068
2700	RTA00000608F.b.15.1.Seq	EST11866
2701	RTA00000597F.e.16.1.Seq	N88730
2702	RTA00000610F.h.13.1.Seq	THC195895
2703	RTA00000611F.h.21.2.Seq	EST46722
2704	RTA00000584F.b.06.1.Seq	EST02998
2705	RTA00000584F.b.06.2.Seq	EST02998
2706	RTA00000608F.j.05.1.Seq	EST60433
2707	RTA00000588F.b.03.1.Seq	THC164651

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
571	L17043	Homo sapiens pregnancy-specific beta-1-glycoprotein-11 gene.	1.00E-12
578	M18864	Rat bone protein I (BP-I) mRNA, partial cds.	7.00E-30
609	L13838	Human genomic sequence from chromosome 13, clone ch13lambdacDNA17-18.	4.00E-36
618	U09646	Human carnitine palmitoyltransferase II precursor	1.00E-34
627	U72621	Human LOT1 mRNA, complete cds	1.00E-43
629	M20910	Human 7S L gene, complete.	1.00E-35
636	Z48950	H.sapiens hH3.3B gene for histone H3.3	4.00E-36
639	X00247	Human translocated c-myc gene in Raji Burkitt lymphoma cells	3.00E-44
643	D80007	Human mRNA for KIAA0185 gene, partial cds	7.00E-52
646	U14967	Human ribosomal protein L21 mRNA, complete cds.	2.00E-42
649	M13934	Human ribosomal protein S14 gene, complete cds.	4.00E-45
652	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA, complete cds.	1.00E-54
657	L41142	Homo sapiens signal transducer and activator of transcription (STAT5) mRNA, complete cds.	2.00E-62
665	Z12112	pWE15A cosmid vector DNA	2.00E-52
667	Z54386	H.sapiens CpG island DNA genomic MseI fragment, clone 10g3, forward read cpg10g3.ft1a	7.00E-48
668	X80333	M.musculus rab18 mRNA	2.00E-52
669	X52126	Human alternatively spliced c-myb mRNA	1.00E-64
671	L26247	Homo sapiens suiliso1 mRNA, complete cds.	3.00E-54
676	NM_001736.1	Homo sapiens complement component 5 receptor 1 C5a anaphylatoxin receptor mRNA, complete cds.	4.00E-56
677	Z50798	G.gallus mRNA for p52	4.00E-55
679	AB002368	Human mRNA for KIAA0370 gene, partial cds	2.00E-58
681	M26697	Human nucleolar protein (B23) mRNA, complete cds.	4.00E-48
683	D42087	Human mRNA for KIAA0118 gene, partial cds	4.00E-56
693	D50734	Rat mRNA of antizyme inhibitor, complete cds	2.00E-50
697	X02344	Homo sapiens beta 2 gene	1.00E-67
698	NM_001067.1	Homo sapiens topoisomerase (DNA) II alpha topoisomerase II (top2) mRNA, complete cds.	7.00E-63
701	U36309	Gallus gallus rhoGap protein mRNA, complete cds	3.00E-62
703	NM_002842.1	Homo sapiens protein tyrosine phosphatase, receptor type, H (PTPRH) mRNA > :: dbj D15049 HUMSAP1C Human mRNA for protein tyrosine phosphatase	2.00E-81
707	U47322	Cloning vector DNA, complete sequence.	1.00E-63

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
714	NM_001190.1	Homo sapiens branched chain aminotransferase 2, mitochondrial (BCAT2) mRNA > :: gb U68418 HSU68418 Human branched chain aminotransferase precursor (BCATm) mRNA, nuclear gene encoding mitochondrial protein, complete cds	4.00E-67
718	S62077	HP1Hs alpha=25 kda chromosomal autoantigen [human, mRNA, 876 nt]	5.00E-68
719	U34991	Human endogenous retrovirus clone c18.4, HERV-H/HERV-E hybrid multiply spliced protease/integrase mRNA, complete cds, and envelope protein mRNA, partial cds	2.00E-61
722	U18671	Human Stat2 gene, complete cds.	4.00E-77
723	L18964	Human protein kinase C iota isoform (PRKCI) mRNA, complete cds.	4.00E-68
724	D29956	Human mRNA for KIAA0055 gene, complete cds	6.00E-70
725	M77140	H.sapiens pro-galanin mRNA, 3' end.	2.00E-72
728	U51432	Homo sapiens nuclear protein Skip mRNA, complete cds	1.00E-75
729	M84334	Macacca mulatta hnRNP A1-gamma isoform mRNA, complete cds.	5.00E-50
730	NM_002592.1	Homo sapiens proliferating cell nuclear antigen (PCNA) mRNA > :: gb M15796 HUMCYL Human cyclin protein gene, complete cds.	1.00E-74
731	M88458	Human ELP-1 mRNA sequence.	4.00E-76
732	U44940	Mus musculus quaking type I (QKI) mRNA, complete cds	2.00E-69
733	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	2.00E-71
734	U18920	Human chromosome 17q12-21 mRNA, clone pOV-3, partial cds.	2.00E-72
736	M21188	Human insulin-degrading enzyme (IDE) mRNA, complete cds.	7.00E-82
737	U49058	Rattus norvegicus CTD-binding SR-like protein rA4 mRNA, partial cds	1.00E-67
739	D10630	Mus musculus mRNA for zinc finger protein, complete cds, clone:CTfin51	4.00E-76
740	U29156	Mus musculus eps15R mRNA, complete cds.	3.00E-84
741	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	1.00E-86
742	U90567	Gallus gallus glutamine rich protein mRNA, partial cds	5.00E-58
743	U58280	Mus musculus second largest subunit of RNA polymerase I (RPA2) mRNA, complete cds	4.00E-77
744	S79539	Pat-12=Pat-12 product [mice, embryonic stem ES cells, mRNA, 2781 nt]	9.00E-84
745	D30666	Rat mRNA for brain acyl-CoA synthetase II, complete cds	2.00E-89
746	U29156	Mus musculus eps15R mRNA, complete cds.	2.00E-92

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
748	U36909	Bos taurus Rho-associated kinase mRNA. complete cds	e-104
749	L36315	Mus musculus (clone pMLZ-1) zinc finger protein	e-105
750	X80169	M.musculus mRNA for 200 kD protein	e-106
751	X83577	M.musculus mRNA for K-glypican	e-107
1060	Z95437	Human DNA sequence from cosmid A1 on chromosome 6 contains ESTs. HERV like retroviral sequence	8.00E-21
1112	X69907	H.sapiens gene for mitochondrial ATP synthase c subunit (PI form)	6.00E-07
1125	M19390	Bovine interstitial retinol binding protein	8.00E-31
1156	U19247	Homo sapiens interferon-gamma receptor alpha chain gene. exon 7 and complete cds	7.00E-41
1170	U20239	Mus musculus fibrosin mRNA. partial cds	5.00E-38
1171	D26361	Human mRNA for KIAA0042 gene. complete cds	2.00E-41
1195	NM_000694.1	Homo sapiens aldehyde dehydrogenase 7 (ALDH7) mRNA > :: gb U10868 HSU10868 Human aldehyde dehydrogenase ALDH7 mRNA. complete cds.	1.00E-37
1196	U84404	Human E6-associated protein E6-AP/ubiquitin-protein ligase (UBE3A) mRNA, alternatively spliced. complete cds	1.00E-46
1203	U51714	Human GPI protein p137 mRNA, partial sequence. 3'-UTR.	9.00E-53
1204	U58884	Mus musculus SH3-containing protein SH3P7 mRNA, complete cds. similar to Human Drebrin	2.00E-49
1210	X79067	H.sapiens ERF-1 mRNA 3' end	2.00E-72
1212	U00946	Human clone A9A2BRB5 (CAC)n/(GTG)n repeat-containing mRNA	3.00E-54
1217	D11078	Homo sapiens RGH2 gene. retrovirus-like element	6.00E-49
1219	U05989	Rattus norvegicus clone par-4 induced by effectors of apoptosis mRNA. complete cds.	3.00E-64
1220	U13185	Cloning vector pbetagal-Enhancer. complete sequence.	3.00E-52
1222	D87443	Human mRNA for KIAA0254 gene. complete cds	8.00E-63
1225	U19867	Cloning vector pSPL3, exon splicing vector. complete sequence. HIV envelope protein gp160 and beta-lactamase, complete cds.	7.00E-72
1227	U04817	Human protein kinase PITSLRE alpha 2-3 mRNA, complete cds.	4.00E-57
1230	U03687	Photinus pyralis modified luciferase gene, complete cds, and pUC18 derived vector.	3.00E-62
1231	U27196	Gallus gallus zinc finger protein (Fzf-1) mRNA, complete cds.	1.00E-66
1235	X53586	Human mRNA for integrin alpha 6	2.00E-71
1236	J05016	Human (clone pA3) protein disulfide isomerase related protein (ERp72) mRNA, complete cds.	3.00E-67

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1237	M86752	Human transformation-sensitive protein (IEF SSP 3521) mRNA, complete cds.	1.00E-66
1239	L19437	Human transaldolase mRNA containing transposable element, complete cds	5.00E-70
1241	X90857	H.sapiens mRNA for -14 gene. containing globin regulatory element	1.00E-74
1242	NM_003980.1	Homo sapiens microtubule associated protein 7 mRNA	9.00E-76
1245	U17901	Rattus norvegicus phospholipase A-2-activating protein (plap) mRNA. complete cds.	3.00E-75
1246	S80632	threonine, tyrosine phosphatase [human, brain. mRNA Partial. 1236 nt]	2.00E-69
1247	M76541	Human DNA-binding protein (NF-E1) mRNA. complete cds.	2.00E-80
1248	S55305	14-3-3 protein gamma subtype=putative protein kinase C regulatory protein [rats, brain. mRNA, 3410 nt] > :: dbj D17447 D17447 Rattus norvegicus mRNA for 14-3-3 protein gamma-subtype, complete cds	7.00E-93
1249	NM_002350.1	Homo sapiens v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN) mRNA > :: gb M16038 HUMLYN Human lyn mRNA encoding a tyrosine kinase.	3.00E-86
1250	Y10725	M.musculus mRNA for protein kinase KIS	4.00E-68
1251	U89931	Cloning vector pTRE. complete sequence	3.00E-65
1252	Z46386	Bovine herpesvirus type 4 DNA for nonconserved region F (DN599 like strain)	3.00E-73
1253	L77599	Homo sapiens (clone SEL214) 17q YAC (303G8) RNA.	2.00E-69
1255	Y10746	H.sapiens mRNA for protein containing MBD 1	2.00E-79
1256	L77599	Homo sapiens (clone SEL214) 17q YAC (303G8) RNA.	2.00E-71
1257	Z57619	H.sapiens CpG island DNA genomic MseI fragment. clone 187a6. forward read cpg187a6.ft1b	7.00E-72
1258	U48807	Human MAP kinase phosphatase (MKP-2) mRNA. complete cds	3.00E-76
1260	M27444	Bos taurus (clone pTKD7) dopamine and cyclic AMP-regulated neuronal phosphoprotein (DARPP-32) mRNA, complete cds.	4.00E-76
1261	U37150	Bos taurus peptide methionine sulfoxide reductase (msrA) mRNA, complete cds	5.00E-78
1262	U02435	Cloning vector pSVbeta. complete sequence	1.00E-77
1263	U09662	Cloning vector pSEAP-Enhancer. complete sequence	4.00E-79
1264	M99566	sCos cloning vector Sfil containing bacteriophage promoters and flanking restriction sites in sCos vectors.	1.00E-79
1266	Z12112	pWE15A cosmid vector DNA	4.00E-80

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1267	U55387	Cricetulus griseus SL15 mRNA, complete cds	2.00E-82
1269	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.	2.00E-91
1270	U49057	Rattus norvegicus CTD-binding SR-like protein rA9 mRNA, complete cds	7.00E-93
1271	U57368	Mus musculus EGF repeat transmembrane protein mRNA, complete cds.	4.00E-97
1272	AF000938	Mus musculus RNA polymerase I largest subunit	8.00E-94
1274	X80169	M.musculus mRNA for 200 kD protein	e-102
1275	U09874	Mus musculus SKD3 mRNA, complete cds.	e-105
1276	D78020	Rat mRNA for NFI-A4, partial cds	e-108
1515	Z73360	Human DNA sequence from cosmid 92M18. BRCA2 gene region chromosome 13q12-13	9.00E-22
1522	X62078	H.sapiens mRNA for GM2 activator protein	7.00E-72
1523	X85750	H.sapiens mRNA for transcript associated with monocyte to macrophage differentiation	2.00E-50
1525	X03473	Human gene for histone H1(0)	1.00E-67
1535	X64411	R.norvegicus mRNA for 100 kDa protein	1.00E-54
1538	X13345	Human gene for plasminogen activator inhibitor 1	2.00E-59
1542	D86971	Human mRNA for KIAA0217 gene, partial cds	7.00E-83
1543	NM_001859.1	Homo sapiens solute carrier family 31 gb U83460 HSU83460 Human high-affinity copper uptake protein (hCTR1) mRNA, complete cds	7.00E-72
1544	X68194	H.sapiens h-Spl mRNA	5.00E-57
1545	AB002326	Human mRNA for KIAA0328 gene, partial cds	3.00E-74
1548	D31762	Human mRNA for KIAA0057 gene, complete cds	3.00E-85
1550	X58472	Mouse KIN17 mRNA for kin17 protein	2.00E-57
1551	U13185	Cloning vector pbetagal-Enhancer, complete sequence.	2.00E-79
1552	U55939	Expression vector pVP-Nco, complete sequence.	1.00E-76
1553	D87671	Rattus norvegicus mRNA for TIP120, complete cds	1.00E-87
1554	U25691	Mus musculus lymphocyte specific helicase mRNA, complete cds	4.00E-86
1555	U55939	Expression vector pVP-Nco, complete sequence.	5.00E-79
1556	Z12112	pWE15A cosmid vector DNA	2.00E-79
1557	U13185	Cloning vector pbetagal-Enhancer, complete sequence.	2.00E-79
1558	U13185	Cloning vector pbetagal-Enhancer, complete sequence.	6.00E-80
1559	Z12112	pWE15A cosmid vector DNA	6.00E-80
1560	U09661	Cloning vector pSEAP-Control, complete sequence	6.00E-80
1561	U36909	Bos taurus Rho-associated kinase mRNA, complete cds	2.00E-90
1562	L36610	Mus musculus protein synthesis initiation factor 4A (eIF-4A) gene, exons 5, 6, 7, 8, and 9.	2.00E-71

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1563	S79463	M-Sema F=a factor in neural network development	1.00E-85
1564	U35312	Mus musculus nuclear receptor co-repressor mRNA, complete cds	1.00E-98
1571	L32977	Homo sapiens (clone fl7252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0
1576	S78454	Mus musculus metal response element DNA-binding protein M96 mRNA, complete cds	0
1586	M88458	Human ELP-1 mRNA sequence.	0
1622	S77512	LAMB2=laminin beta 2 chain [human, placenta, mRNA, 5642 nt]	e-131
1624	X53305	H.sapiens mRNA for stathmin	0
1625	J03591	Human ADP/ATP translocase mRNA, 3' end, clone pHAT3.	0
1630	L18964	Human protein kinase C iota isoform (PRKCI) mRNA, complete cds.	2E-67
1640	D29956	Human mRNA for KIAA0055 gene, complete cds	0
1649	M26697	Human nucleolar protein (B23) mRNA, complete cds.	e-149
1669	U47322	Cloning vector DNA, complete sequence.	4E-65
1689	NM_002079.1	Homo sapiens glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1) aspartate aminotransferase mRNA, complete cds.	0
1693	U55939	Expression vector pVP-Nco, complete sequence.	2E-70
1694	D80007	Human mRNA for KIAA0185 gene, partial cds	0
1695	NM_001904.1	Homo sapiens catenin (cadherin-associated protein), beta 1 (88kD) (CTNNB1) mRNA > :: emb X87838 HSRNABECA H.sapiens mRNA for beta-catenin	e-108
1701	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta-lactamase, complete cds.	1E-44
1702	M31061	Human ornithine decarboxylase gene, complete cds.	0
1721	Z96177	H.sapiens telomeric DNA sequence, clone 10QTEL040, read 10QTELOO040.seq	2E-70
1722	NM_001904.1	Homo sapiens catenin (cadherin-associated protein), beta 1 (88kD) (CTNNB1) mRNA > :: emb X87838 HSRNABECA H.sapiens mRNA for beta-catenin	e-176
1758	X83577	M.musculus mRNA for K-glypican	0
1761	S79539	Pat-12=Pat-12 product [mice, embryonic stem ES cells, mRNA, 2781 nt]	e-176
1773	L38951	Homo sapiens importin beta subunit mRNA, complete cds	1E-78

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1776	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA. complete cds.	0
1791	L08783	BlueScribe M13 Plus cloning vector.	0
1809	U86751	Human nucleolar fibrillar center protein (ASE-1) mRNA. complete cds	8E-95
1817	M21188	Human insulin-degrading enzyme (IDE) mRNA. complete cds.	e-134
1831	NM_001614.1	Homo sapiens actin, gamma 1 (ACTG1) mRNA > :: emb X04098 HSACTCGR Human mRNA for cytoskeletal gamma-actin	0.00E+00
1836	U12404	Human Csa-19 mRNA. complete cds.	0
1837	X79236	H.sapiens rps26 gene	e-145
1838	NM_003313.1	Homo sapiens tissue specific transplantation antigen P35B (TSTA3) mRNA > :: gb U58766 HSU58766 Human FX protein mRNA. complete cds	0
1839	M27436	Human tissue factor gene. complete cds, with a Alu repetitive sequence in the 3' untranslated region. > :: gb I05724  Sequence 12 from Patent EP 0278776	e-121
1849	X79067	H.sapiens ERF-1 mRNA 3' end	0
1850	NM_003017.1	Homo sapiens splicing factor, arginine/serine-rich 3 (SFRS3) mRNA > :: gb L10838 HUMSRP20 Homo sapiens SR protein family, pre-mRNA splicing factor (SRp20) mRNA. complete cds.	e-135
1857	U48807	Human MAP kinase phosphatase (MKP-2) mRNA. complete cds	0.00E+00
1858	U48807	Human MAP kinase phosphatase (MKP-2) mRNA. complete cds	0.00E+00
1873	U04817	Human protein kinase PITSLRE alpha 2-3 mRNA. complete cds.	8.00E-53
1876	U18297	Human MST1 (MST1) mRNA. complete cds.	0.00E+00
1877	NM_001859.1	Homo sapiens solute carrier family 31 gb U83460 HSU83460 Human high-affinity copper uptake protein (hCTR1) mRNA. complete cds	0
1889	X70272	single stranded replicative centromeric Saccharomyces cerevisiae /E. coli shuttle vector	3.00E-76
1897	L26050	Human mitochondrial 2,4-dienoyl-CoA reductase mRNA. complete cds.	0.00E+00
1899	X06747	Human hnRNP core protein A1	e-157
1901	M64571	Human microtubule-associated protein 4 mRNA. complete cds.	0.00E+00



Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1908	X65322.1	Cloning vector pCAT-Basic	9.00E-53
1913	NM_002654.1	Homo sapiens pyruvate kinase, muscle (PKM2) mRNA > :: gb M23725 HUMPKM2L Human M2-type pyruvate kinase mRNA, complete cds.	e-159
1916	U49352	Human liver 2,4-dienoyl-CoA reductase mRNA, complete cds	2.00E-71
1926	D31889	Human mRNA for KIAA0072 gene, partial cds > :: gb G27027 G27027 human STS SHGC-31585.	e-167
1941	U43944	Human breast cancer cytosolic NADP(+)-dependent malic enzyme mRNA, partial cds	1.00E-89
1971	U83659	Human multidrug resistance-associated protein homolog (MRP3) mRNA, partial cds	3.00E-85
1996	M33519	Human HLA-B-associated transcript 3 (BAT3) mRNA, complete cds.	3.00E-84
1997	U55387	Cricetulus griseus SL15 mRNA, complete cds	e-150
2018	L36315	Mus musculus (clone pMLZ-1) zinc finger protein	e-162
2025	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA, complete cds.	e-175
2032	X56932	H.sapiens mRNA for 23 kD highly basic protein	0.00E+00
2039	X98654	H.sapiens mRNA for DRES9 protein	9.00E-97
2050	S62077	HP1Hs alpha=25 kda chromosomal autoantigen [human, mRNA, 876 nt]	4.00E-68
2057	M23619	Human HMG-I protein isoform mRNA (HMG1 gene), clone 6A.	e-117
2077	NM_003217.1	Homo sapiens testis enhanced gene transcript	4E-99
2092	U18671	Human Stat2 gene, complete cds.	0.00E+00
2096	D43636	Human mRNA for KIAA0096 gene, partial cds	0
2098	NM_002734.1	Homo sapiens protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1) (PRKARIA) mRNA > :: gb M33336 HUMCAMPK Human cAMP-dependent protein kinase type I-alpha subunit	0
2099	U72621	Human LOT1 mRNA, complete cds	0.00E+00
2112	NM_003902.1	Homo sapiens far upstream element binding protein (FUBP) mRNA > :: gb U05040 HSU05040 Human FUSE binding protein mRNA, complete cds.	0.00E+00
2118	L41142	Homo sapiens signal transducer and activator of transcription (STAT5) mRNA, complete cds.	0.00E+00
2119	Z48950	H.sapiens hH3.3B gene for histone H3.3	0.00E+00
2153	L09260	Human (chromosome 3p25) membrane protein mRNA.	e-100
2158	X65304.1	Cloning vector pGEM-3Z	e-173

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
2163	NM_003358.1	Homo sapiens UDP-glucose ceramide glucosyltransferase (UGCG) mRNA > :: dbj D50840 HUMCGA Homo sapiens mRNA for ceramide glucosyltransferase, complete cds > :: dbj E12454 E12454 cDNA encoding human ceramide glucosyltransferase	e-141
2179	M95605	Bos taurus S-adenosylmethionine decarboxylase	e-175
2180	M12623	Human non-histone chromosomal protein HMG-17 mRNA, complete cds.	0.00E+00
2181	U79143	Human phosphoinositide 3'-hydroxykinase p110-alpha subunit mRNA, complete cds	0.00E+00
2192	K01906	Human fetal liver c-myc proto-oncogene, exon 3 and flanks.	e-165
2194	X74870	H.sapiens gene for RNA pol II largest subunit, exons 23-29	e-161
2235	L16991	Human thymidylate kinase (CDC8) mRNA, complete cds.	0.00E+00
2257	L08783	BlueScribe M13 Plus cloning vector.	0.00E+00
2276	NM_002245.1	Homo sapiens potassium inwardly-rectifying channel, subfamily K, member 1 (KCNK1) mRNA > :: gb U33632 HSU33632 Human two P-domain K+ channel TWIK-1 mRNA, complete cds.	0
2278	D50734	Rat mRNA of antizyme inhibitor, complete cds	e-157
2279	U26401	Human galactokinase (galK) mRNA, complete cds. >	0.00E+00
2285	U49058	Rattus norvegicus CTD-binding SR-like protein rA4 mRNA, partial cds	e-138
2287	X65306.1	Cloning vector pGEM-3Zf(+)	e-116
2299	NM_001172.1	Homo sapiens arginase, type II (ARG2) mRNA > :: gb U82256 HSU82256 Homo sapiens arginase type II mRNA, complete cds	e-127
2309	M25160	Human Na,K-ATPase beta subunit (ATP1B) gene, exons 3 through 6.	0.00E+00
2315	Y08736	H.sapiens vegf gene, 3'UTR	1.00E-78
2320	U13737	Human cysteine protease CPP32 isoform alpha mRNA, complete cds.	0.00E+00
2323	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	e-148
2324	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	0
2328	NM_001677.1	Homo sapiens ATPase, Na+/K+ transporting, beta 1 polypeptide (ATP1B1) mRNA > :: emb X03747 HSATPBR Human mRNA for Na/K-ATPase beta subunit	1E-77
2337	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	e-168
2364	U54778	Human 14-3-3 epsilon mRNA, complete cds	1E-67
2365	Y08135	M.musculus mRNA for ASM-like phosphodiesterase 3a	0

Table 2A: Nearest Neighbor (BlastN vs. Genbank)

SEQ ID	ACC'N	DESCRIP.	P VALUE
2368	NM_001172.1	Homo sapiens arginase. type II (ARG2) mRNA > :: gb U82256 HSU82256 Homo sapiens arginase type II mRNA. complete cds	e-127
2385	AB002293	Human mRNA for KIAA0295 gene, partial cds	0
2394	M21188	Human insulin-degrading enzyme (IDE) mRNA. complete cds.	2E-81
2425	D87466	Human mRNA for KIAA0276 gene, partial cds	1E-97
2429	U58884	Mus musculus SH3-containing protein SH3P7 mRNA, complete cds. similar to Human Drebrin	4E-96
2441	AB005216	Homo sapiens mRNA for Nck. Ash and phospholipase C gamma binding protein NAP4, partial cds	0
2442	NM_001960.1	Homo sapiens eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein) (EEF1D) mRNA > :: emb Z21507 HSEF1DELA H.sapiens EF-1delta gene encoding human elongation factor-1-delta	0.00E+00
2444	M92449	Human LTR mRNA, 3' end of coding region and 3' flank.	e-143
2452	NM_003350.1	Homo sapiens ubiquitin-conjugating enzyme E2 variant 2 (UBE2V2) mRNA > :: emb X98091 HSVITDTR H.sapiens mRNA for protein induced by vitamin D	0
2456	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	5.00E-69
2459	Z84510	H.sapiens flow-sorted chromosome 6 HindIII fragment, SC6pA28B7	4.00E-66
2463	Z48042	H.sapiens mRNA encoding GPI-anchored protein p137	e-172
2497	U32986	Human xeroderma pigmentosum group E UV-damaged DNA binding factor mRNA. complete cds.	0
2515	NM_003419.1	Homo sapiens zinc finger protein 10 (KOX 1) for zinc finger protein	e-129
2520	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0.00E+00
2526	Y10725	M.musculus mRNA for protein kinase KIS	0.00E+00
2543	X62078	H.sapiens mRNA for GM2 activator protein	e-164
2548	NM_001009.1	Homo sapiens ribosomal protein S5 (RPS5) mRNA complete cds.	0.00E+00
2556	U97188	Homo sapiens putative RNA binding protein KOC	1E-86
2575	NM_002852.1	Homo sapiens pentaxin-related gene, rapidly induced by IL-1 beta (PTX3) mRNA > :: emb X63613 HSPTX3R H.sapiens mRNA for pentaxin (PTX3)	0.00E+00
2578	X67155	H.sapiens mRNA for mitotic kinesin-like protein-1	0.00E+00
2588	M54968	Human K-ras oncogene protein mRNA, complete cds >	e-123
2591	D88687	Homo sapiens mRNA for KM-102-derived reductase-like factor, complete cds	0

Table 2A: Nearest Neighbor (BlastN vs. Genbank)			
SEQ ID	ACC'N	DESCRIP.	P VALUE
2593	NM_001436.1	Homo sapiens fibrillarin (FBL) mRNA > :: gb M59849 HUMFIBAA Human fibrillarin (Hfib1) mRNA, complete cds.	e-103
2595	AB002326	Human mRNA for KIAA0328 gene, partial cds	0.00E+00
2598	M11948	Human promyelocytic leukemia cell mRNA, clones pHH58 and pHH81.	9.00E-84

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
37	4239895	(AB016816) MASL1 [Homo sapiens]	9.00E-54
66	4514653	(AB024057) vascular Rab-GAP/TBC-containing protein [Homo sapiens]	6.00E-55
78	4454524	(AC004841) similar to insulin receptor substrate BAP2; similar to PID:g4126477 [Homo sapiens]	6.00E-22
79	4545264	(AF118240) peroxisomal biogenesis factor 16 [Homo sapiens]	1.00E-45
112	3413938	(AB007963) KIAA0494 protein [Homo sapiens]	3.00E-44
122	4239895	(AB016816) MASL1 [Homo sapiens]	1.00E-47
139	4502371	breast cancer antiestrogen resistance 3 >gi 3237306 (U92715) breast cancer antiestrogen resistance 3 protein [Homo sapiens]	2.00E-44
154	4586880	(AB017114) AD 3 [Homo sapiens]	4.00E-48
157	3327170	(AB014578) KIAA0678 protein [Homo sapiens]	2.00E-51
168	3153241	(AF053004) class I cytokine receptor [Homo sapiens]	2.00E-17
171	4138233	(AJ007780) parp-2 gene [Mus musculus]	2.00E-32
174	3287173	(AJ006266) AND-1 protein [Homo sapiens]	2.00E-42
187	4507145	UNKNOWN >gi 3873216 (AF065485) sorting nexin 4 [Homo sapiens]	8.00E-46
207	4153860	(AC005074) similar to U47321 (PID:g1245146) [Homo sapiens]	4.00E-15
224	3236430	(AF067379) ubiquitin-protein ligase E3-alpha [Mus musculus]	3.00E-35
253	3043696	(AB011158) KIAA0586 protein [Homo sapiens]	1.00E-44
260	4519623	(AB017616) homologous to the yeast YGR163 gene [Mus musculus]	2.00E-54
280	4455035	(AF116238) pseudouridine synthase 1 [Homo sapiens]	4.00E-48
304	3075377	(AC004602) F23487_2 [Homo sapiens]	2.00E-21
306	4505611	poly(A)-specific ribonuclease	7.00E-41
373	1825606	(U88169) similar to molybdopterin biosynthesis MOEB proteins [Caenorhabditis elegans]	2.00E-37
382	4586287	(AB004794) DUF140 [Xenopus laevis]	7.00E-45
396	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 gb AAD02504	5.00E-40
414	4586844	(AB015633) type II membrane protein	2.00E-46
422	3327078	(AB014532) KIAA0632 protein [Homo sapiens]	6.00E-36
433	3327230	(AB014608) KIAA0708 protein [Homo sapiens]	5.00E-52
472	3372677	(AF061749) tumorous imaginal discs protein Tid56 homolog	7.00E-35
502	4050034	(AF098482) transcriptional coactivator p52 [Homo sapiens]	1.00E-36

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
504	4406632	(AF131801) Unknown [Homo sapiens]	
512	3114828	(AJ005897) JM5 [Homo sapiens]	3.00E-21
530	3766209	(AF071777) IRE1 [Mus musculus]	3.00E-44
561	3043644	(AB011132) KIAA0560 protein [Homo sapiens]	2.00E-29
572	3088575	(AF059531) protein arginine N-methyltransferase 3 [Homo sapiens]	3.00E-43
578	4505891	UNKNOWN >gi 3153235 (AF046889) lysyl hydroxylase isoform 3 [Homo sapiens] >gi 3551836	4.00E-46
590	3114828	(AJ005897) JM5 [Homo sapiens]	3.00E-30
592	3242214	(AJ006778) DRIM protein [Homo sapiens]	1.00E-24
598	4200236	(AL035308) hypothetical protein [Homo sapiens]	2.00E-36
600	3413892	(AB007934) KIAA0465 protein [Homo sapiens]	8.00E-09
635	3043626	(AB011123) KIAA0551 protein [Homo sapiens]	2.00E-51
643	2498864	RRP5 PROTEIN HOMOLOG (KIAA0185) hypothetical protein YM9959.11C of S.cerevisiae. [Homo sapiens]	3.00E-31
670	3402197	(AJ010014) M96A protein [Homo sapiens]	3.00E-13
677	2217964	(Z50798) p52 [Gallus gallus]	1.00E-21
686	3043626	(AB011123) KIAA0551 protein [Homo sapiens]	7.00E-14
697	135470	TUBULIN BETA-5 CHAIN sapiens]	1.00E-40
701	3327056	(AB014521) KIAA0621 protein [Homo sapiens]	3.00E-21
704	4506787	UNKNOWN GTPASE-ACTIVATING-LIKE PROTEIN IQGAP1 (P195) (KIAA0051) protein - human >gi 473931 dbj BAA06123  (D29640) KIAA0051 [Homo sapiens] >gi 536844 (L33075) ras GTPase-activating-like protein [Homo sapiens]	2.00E-29
709	1350762	60S RIBOSOMAL PROTEIN L6 sapiens]	4.00E-41
713	2687400	(AF035824) vesicle soluble NSF attachment protein receptor [Homo sapiens]	2.00E-22
730	2914385	Chain C, Human Pcna >gi 2914387 pdb 1AXC E Chain E. Human Pcna	1.00E-23
731	284076	ERD-2-like protein, ELP-1 - human	2.00E-27
733	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 dbj BAA04503  (D17577) Kif1b [Mus musculus]	1.00E-26
735	3327056	(AB014521) KIAA0621 protein [Homo sapiens]	9.00E-33
736	279567	insulinase (EC 3.4.99.45) - human	1.00E-13
738	487416	(L20302) actin filament protein [Gallus gallus]	2.00E-26
739	1731428	ZINC FINGER PROTEIN ZFP-38	3.00E-45
740	968973	(U29156) involved in signaling by the epidermal growth factor receptor; Method: conceptual translation supplied by author. [Mus musculus]	7.00E-35
			1.00E-22

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
741	1552350	(Y08135) acid sphingomyelinase-like phosphodiesterase [Mus musculus]	2.00E-35
742	3327098	(AB014542) KIAA0642 protein [Homo sapiens]	3.00E-15
743	3914801	DNA-DIRECTED RNA POLYMERASE I 135 KD POLYPEPTIDE (RNA POLYMERASE I SUBUNIT 2) (RPA135) (RNA POLYMERASE I 127 KD SUBUNIT) >gi 2739048 (AF025424) RNA polymerase I 127 kDa subunit [Rattus norvegicus]	2.00E-45
745	4165018	(D89053) Acyl-CoA synthetase 3 [Homo sapiens]	2.00E-53
746	968973	(U29156) involved in signaling by the epidermal growth factor receptor: Method: conceptual translation supplied by author. [Mus musculus]	3.00E-40
747	4519883	(AB017970) dipeptidyl peptidase III	4.00E-50
748	3327052	(AB014519) KIAA0619 protein [Homo sapiens]	7.00E-30
749	538413	(L36315) zinc finger protein [Mus musculus]	6.00E-55
750	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir  A55117 tsg24 protein - mouse	1.00E-50
751	3420277	(AF064826) glypican 4 [Homo sapiens]	3.00E-54
808	4580645	(AF118855) trans-prenyltransferase [Mus musculus]	2.00E-48
829	3882171	(AB018268) KIAA0725 protein [Homo sapiens]	3.00E-24
833	4104976	(AF043117) ubiquitin-fusion degradation protein 2 [Homo sapiens]	2.00E-41
841	3242214	(AJ006778) DRIM protein [Homo sapiens]	4.00E-34
914	4191810	(AB006532) DNA helicase [Homo sapiens]	5.00E-41
959	3043714	(AB011167) KIAA0595 protein [Homo sapiens]	5.00E-20
982	4379097	(Y17999) Dyrk1B protein kinase [Homo sapiens]	3.00E-21
1028	3043712	(AB011166) KIAA0594 protein [Homo sapiens]	2.00E-49
1079	4240227	(AB020676) KIAA0869 protein [Homo sapiens]	4.00E-35
1091	4235226	(AF061025) leucine zipper-EF-hand containing transmembrane protein 1 [Homo sapiens]	6.00E-34
1134	3426268	(AF044201) neural membrane protein 35; NMP35 [Rattus norvegicus]	1.00E-29
1152	4507367	threonyl-tRNA synthetase SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3 - human >gi 1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	3.00E-26
1153	2072294	(U95097) mitotic phosphoprotein 43 [Xenopus laevis]	1.00E-19
1163	543222	glutamine (Q)-rich factor 1, QRF-1 - mouse factor 1, QRF-1 [mice. B-cell leukemia. BCL1. Peptide Partial, 84 aa]	1.00E-39

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1164	3335569	(AF072759) fatty acid transport protein 4; FATP4 [Mus musculus]	7.00E-39
1168	2996194	(AF053232) SIK similar protein [Mus musculus]	1.00E-31
1172	2935597	(AC004262) R29368_2 [Homo sapiens]	6.00E-49
1201	2645205	(U63648) p160 myb-binding protein [Mus musculus]	1.00E-21
1204	1407655	(U58884) SH3P7 [Mus musculus]	8.00E-21
1214	2134381	polybromo 1 protein - chicken	8.00E-29
1219	4505613	PRKC, apoptosis, WT1, regulator par-4 [Homo sapiens]	6.00E-34
1229	3757892	(AF079765) enhancer of polycomb [Mus musculus]	3.00E-41
1231	2134436	zinc finger protein - chicken (fragment)	4.00E-37
1232	2393722	(U90313) glutathione-S-transferase homolog [Homo sapiens]	6.00E-34
1234	459002	(U00036) R151.6 gene product [Caenorhabditis elegans]	7.00E-10
1236	119530	PROTEIN DISULFIDE ISOMERASE-RELATED PROTEIN PRECURSOR (ERP72) >gi 87320 pir A23723 protein disulfide-isomerase (EC 5.3.4.1) ERp72 precursor - human protein [Homo sapiens]	3.00E-23
1239	2073541	(L19437) transaldolase [Homo sapiens] >gi 2612879	2.00E-24
1241	984125	(X90857) -14 [Homo sapiens]	2.00E-23
1245	4106818	(AF083395) phospholipase A2-activating protein [Homo sapiens]	4.00E-36
1247	4507955	YY1 transcription factor REPRESSOR PROTEIN YY1 (YIN AND YANG 1) (YY-1) (DELTA TRANSCRIPTION FACTOR) (NF-E1) >gi 38011 emb CAA78455]	4.00E-27
1250	1698779	(U70372) PAM COOH-terminal interactor protein 2 [Rattus norvegicus]	6.00E-35
1252	4204684	(AF102542) beta-1,6-N-acetylglucosaminyltransferase core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; core 2/4-GnT [Homo sapiens]	9.00E-43
1255	2239126	(Y10746) methyl-CpG binding protein [Homo sapiens]	4.00E-16
1259	1747519	(U76759) nuclear protein NIP45 [Mus musculus]	2.00E-29
1260	545790	DARPP-32=dopamine and cAMP-regulated phosphoprotein [human, brain, Peptide, 204 aa] sapiens]	1.00E-29
1261	1709689	PEPTIDE METHIONINE SULFOXIDE REDUCTASE (PEPTIDE MET(O) REDUCTASE) >gi 1205993 taurus]	1.00E-37
1265	2736151	(AF021935) myotonic dystrophy kinase-related Cdc42-binding kinase [Rattus norvegicus]	1.00E-41
1267	3329392	(AF038961) SL15 protein [Homo sapiens]	8.00E-36
1268	4097712	(U67322) HBV associated factor [Homo sapiens]	7.00E-56



Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1269	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir S40780 translation elongation factor G, mitochondrial - rat >gi 310102	7.00E-49
1270	1438534	(U49057) rA9 [Rattus norvegicus]	3.00E-45
1271	1336628	(U57368) EGF repeat transmembrane protein [Mus musculus]	7.00E-47
1272	3914802	DNA-DIRECTED RNA POLYMERASE I LARGEST SUBUNIT (RNA POLYMERASE I 194 KD SUBUNIT) (RPA194)	1.00E-37
1273	3387977	(AF070598) ABC transporter [Homo sapiens]	5.00E-50
1274	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi 1083553 pir A55117 tsg24 protein - mouse	2.00E-48
1275	2493735	SKD3 PROTEIN SKD3 [Mus musculus]	7.00E-43
1276	1041038	(D78020) NFI-A4 [Rattus norvegicus]	3.00E-26
1284	4455118	(AF125158) zinc finger DNA binding protein 99	9.00E-41
1322	4049922	(AF072810) transcription factor WSTF [Homo sapiens]	4.00E-48
1338	4586287	(AB004794) DUF140 [Xenopus laevis]	3.00E-45
1345	3435244	(AF083322) centriole associated protein CEP110 [Homo sapiens]	2.00E-40
1370	3413886	(AB007931) KIAA0462 protein [Homo sapiens]	2.00E-35
1462	3882311	(AB018338) KIAA0795 protein [Homo sapiens]	4.00E-47
1497	4240167	(AB020646) KIAA0839 protein [Homo sapiens]	2.00E-46
1517	4191610	(AF117107) IGF-II mRNA-binding protein 2 [Homo sapiens]	3.00E-49
1519	3135669	(AF064084) prenylcysteine carboxyl methyltransferase	1.00E-39
1529	3043548	(AB011084) KIAA0512 protein [Homo sapiens]	2.00E-47
1531	3093476	(AF008915) EVI-5 homolog [Homo sapiens]	6.00E-19
1532	3834629	(AF094519) diaphanous-related formin; p134 mDia2 [Mus musculus]	1.00E-32
1533	3193226	(AF068706) gamma2-adaptin [Homo sapiens]	1.00E-46
1534	3851584	(AF092563) chromosome-associated protein-E [Homo sapiens]	4.00E-48
1535	4101695	(AF006010) progesterin induced protein [Homo sapiens]	5.00E-30
1550	3850704	(AJ005273) Kin17 [Homo sapiens]	9.00E-24
1553	4240147	(AB020636) KIAA0829 protein [Homo sapiens]	9.00E-41
1554	2137490	lymphocyte specific helicase - mouse musculus]	5.00E-35
1561	3327052	(AB014519) KIAA0619 protein [Homo sapiens]	1.00E-41
1563	2137494	M-sema F protein precursor - mouse F [mice, neonatal brain, Peptide, 834 aa] [Mus sp.]	7.00E-34

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1564	2137603	nuclear receptor co-repressor N-CoR - mouse musculus] >gi 1583865 prf  2121436A thyroid hormone receptor co-repressor [Mus musculus]	9.00E-41
1565	2674107	(AF023451) guanine nucleotide-exchange protein [Bos taurus]	3.00E-48
1587	3659505	(AC005084) similar to mouse mCASK-A: similar to e1288039	1.00E-57
1649	114762	NUCLEOPHOSMIN (NPM) (NUCLEOLAR PHOSPHOPROTEIN B23) (NUMATRIN) (NUCLEOLAR PROTEIN NO38) sapiens]	6.00E-35
1651	3327056	(AB014521) KIAA0621 protein [Homo sapiens]	8.00E-40
1688	4545264	(AF118240) peroxisomal biogenesis factor 16 [Homo sapiens]	2.00E-65
1694	2498864	RRP5 PROTEIN HOMOLOG (KIAA0185) hypothetical protein YM9959.11C of S.cerevisiae. [Homo sapiens]	7.00E-77
1758	3420277	(AF064826) glypican 4 [Homo sapiens]	4.00E-76
1768	3088575	(AF059531) protein arginine N-methyltransferase 3 [Homo sapiens]	7.00E-97
1771	4050034	(AF098482) transcriptional coactivator p52 [Homo sapiens]	2.00E-58
1811	4506357	UNKNOWN: PZR >gi 3851145 sapiens]	2.00E-60
1830	3387977	(AF070598) ABC transporter [Homo sapiens]	e-113
1836	1709974	60S RIBOSOMAL PROTEIN L10A protein L10a [Rattus norvegicus] Ribosomal Protein RPL10A) [Homo sapiens]	e-111
1838	4507709	tissue specific transplantation antigen P35B >gi 1381179 (U58766) FX [Homo sapiens]	9.00E-90
1876	1117791	(U18297) MST1 [Homo sapiens]	4E-85
1877	4507015	copper transporter 1	3.00E-72
1897	4503301	2,4-dienoyl CoA reductase REDUCTASE, MITOCHONDRIAL PRECURSOR (2,4-DIENOYL-COA REDUCTASE (NADPH)) (4-ENOYL-COA REDUCTASE (NADPH)) precursor. mitochondrial - human >gi 602703 (L26050) 2,4-dienoyl-CoA reductase [Homo sapiens] >gi 2673979 precursor [Homo sapiens] >gi 4126313 (AF049895) 2,4-dienoyl-CoA reductase [Homo sapiens]	6E-94
1901	126743	MICROTUBULE-ASSOCIATED PROTEIN 4 human >gi 187383 (M64571) microtubule-associated protein 4 [Homo sapiens]	6E-84
1914	4505987	PTPRF interacting protein, binding protein 1 (liprin beta 1) >gi 3309539 (AF034802) liprin-beta1 [Homo sapiens]	4E-89
1920	3043644	(AB011132) KIAA0560 protein [Homo sapiens]	e-108

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)

SEQ ID	ACC'N	DESCRIP.	P VALUE
1944	3413892	(AB007934) KIAA0465 protein [Homo sapiens]	7.00E-87
1956	4185796	(AF103796) placenta-specific ATP-binding cassette transporter [Homo sapiens]	2E-68
1973	4507145	UNKNOWN >gi 3873216 (AF065485) sorting nexin 4 [Homo sapiens]	1.00E-73
2008	1083566	zinc finger protein/transactivator Zfp-38 - mouse >gi 55477 [emb] CAA45280  (X63747) Zfp-38 [Mus musculus]	2E-64
2018	1806134	(Z67747) zinc finger protein [Mus musculus]	7.00E-78
2032	730451	60S RIBOSOMAL PROTEIN L13A (23 KD HIGHLY BASIC PROTEIN) >gi 345897 pir S29539 basic protein. 23K - human >gi 23691 emb CAA40254  (X56932) 23 kD highly basic protein [Homo sapiens]	4.00E-87
2285	4102967	(AF023142) pre-mRNA splicing SR protein rA4 [Homo sapiens]	1.00E-33
2317	3108093	(AF061258) LIM protein [Homo sapiens]	6.00E-82
2318	3170887	(AF061555) ubiquitin-protein ligase E3-alpha [Mus musculus]	e-104
2324	1552350	(Y08135) acid sphingomyelinase-like phosphodiesterase [Mus musculus]	6.00E-91
2365	1552350	(Y08135) acid sphingomyelinase-like phosphodiesterase [Mus musculus]	e-106
2366	3242214	(AJ006778) DRIM protein [Homo sapiens]	e-114
2387	4514653	(AB024057) vascular Rab-GAP/TBC-containing protein [Homo sapiens]	e-121
2441	2443367	(AB005216) Nck, Ash and phospholipase C gamma-binding protein NAP4 [Homo sapiens]	e-120
2475	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 emb CAA24816.1  gene. [Human herpesvirus 4]	2.00E-38
2479	121640	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN PRECURSOR >gi 72320 pir KNMU glycine-rich cell wall protein precursor - Arabidopsis thaliana	8.00E-31
2495	1362077	glycin-rich protein - cowpea (fragment)	2E-40
2519	121640	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN PRECURSOR >gi 72320 pir KNMU glycine-rich cell wall protein precursor - Arabidopsis thaliana	9.00E-27
2546	2674107	(AF023451) guanine nucleotide-exchange protein [Bos taurus]	5E-89
2548	3717978	(Y12431) 5S ribosomal protein [Mus musculus]	5E-94
2556	4191610	(AF117107) IGF-II mRNA-binding protein 2 [Homo sapiens]	e-111

Table 2B Nearest Neighbor (BlastX vs. Non-Redundant Proteins)			
SEQ ID	ACCN	DESCRIP.	P VALUE
2578	2119281	CHO1 antigen - Chinese hamster	e-101
2579	3435244	(AF083322) centriole associated protein CEP110 [Homo sapiens]	2E-70
2591	1843434	(D88687) KM-102-derived reductase-like factor [Homo sapiens]	4.00E-91
2604	3834629	(AF094519) diaphanous-related formin: p134 mDia2 [Mus musculus]	1E-49

Table 3A Profile Hits

SEQ ID NO:	Description	Start	Stop	Dir
1967	14_3_3 proteins	166	845	for
2366	3'5'-cyclic nucleotide phosphodiesterases	64	573	for
1579	4 transmembrane integral membrane proteins	300	924	rev
1978	4 transmembrane integral membrane proteins	340	941	rev
1652	7 transmembrane receptor (rhodopsin family)	109	647	rev
1927	7 transmembrane receptor (rhodopsin family)	84	947	rev
2068	7 transmembrane receptor (rhodopsin family)	305	975	for
1598	7 transmembrane receptor (Secretin family)	50	1269	for
1719	7 transmembrane receptor (Secretin family)	63	1160	rev
1911	7 transmembrane receptor (Secretin family)	38	869	rev
1927	7 transmembrane receptor (Secretin family)	237	930	rev
2068	7 transmembrane receptor (Secretin family)	188	975	for
2341	7 transmembrane receptor (Secretin family)	377	1524	rev
1671	ATPases Associated with Various Cellular Activities	136	718	for
1672	ATPases Associated with Various Cellular Activities	271	765	for
1688	ATPases Associated with Various Cellular Activities	206	709	rev
1796	ATPases Associated with Various Cellular Activities	139	783	for
1830	ATPases Associated with Various Cellular Activities	265	713	for
1872	ATPases Associated with Various Cellular Activities	152	616	rev
1913	ATPases Associated with Various Cellular Activities	12	510	for
1922	ATPases Associated with Various Cellular Activities	125	658	for
1964	ATPases Associated with Various Cellular Activities	97	752	for
1997	ATPases Associated with Various Cellular Activities	185	664	for
2032	ATPases Associated with Various Cellular Activities	69	485	for
2170	ATPases Associated with Various Cellular Activities	73	550	for
2177	ATPases Associated with Various Cellular Activities	340	928	for

SEQ ID NO:	Description	Start	Stop	Dir
2290	ATPases Associated with Various Cellular Activities	872	1390	rev
2343	ATPases Associated with Various Cellular Activities	122	635	for
2358	ATPases Associated with Various Cellular Activities	84	492	rev
2390	ATPases Associated with Various Cellular Activities	31	434	rev
2414	ATPases Associated with Various Cellular Activities	953	1358	rev
2461	ATPases Associated with Various Cellular Activities	192	690	rev
2476	ATPases Associated with Various Cellular Activities	51	593	for
2482	ATPases Associated with Various Cellular Activities	135	615	rev
2578	ATPases Associated with Various Cellular Activities	0	673	for
1623	Basic region plus leucine zipper transcription factors	81	277	for
1715	C2 domain (prot. kinase C like)	403	582	for
2426	C2 domain (prot. kinase C like)	493	637	for
2238	Cysteine proteases	359	984	rev
1630	DEAD and DEAH box helicases	34	690	rev
1865	DEAD and DEAH box helicases	43	753	for
2517	DEAD and DEAH box helicases	426	719	for
1714	Dual specificity phosphatase, catalytic domain	365	696	rev
1728	Dual specificity phosphatase, catalytic domain	243	597	for
2087	Dual specificity phosphatase, catalytic domain	786	1566	for
1595	EF-hand	556	630	for
1671	Eukaryotic aspartyl proteases	116	763	for
1778	Eukaryotic aspartyl proteases	92	1008	rev
1903	Eukaryotic aspartyl proteases	73	603	rev
1945	Eukaryotic aspartyl proteases	147	694	rev
1963	Eukaryotic aspartyl proteases	38	740	rev
1991	Eukaryotic aspartyl proteases	404	1113	rev
2130	Eukaryotic aspartyl proteases	237	829	rev
2138	Eukaryotic aspartyl proteases	117	729	rev
2193	Eukaryotic aspartyl proteases	217	1397	rev
2290	Eukaryotic aspartyl proteases	413	1366	rev
2291	Eukaryotic aspartyl proteases	8	710	rev

SEQ ID NO:	Description	Start	Stop	Dir
2348	Eukaryotic aspartyl proteases	291	1146	rev
2430	Eukaryotic aspartyl proteases	216	1158	rev
2496	Eukaryotic aspartyl proteases	228	659	for
2523	Eukaryotic aspartyl proteases	276	1291	rev
2589	Eukaryotic aspartyl proteases	525	1431	for
1968	Fibronectin type II domain	455	565	rev
1779	G-protein alpha subunit	24	583	rev
1621	Helicases conserved C-terminal domain	160	309	for
1652	Helicases conserved C-terminal domain	363	560	rev
2192	Helix-loop-helix DNA binding domain	224	382	for
2181	kinase domain of tors	474	713	for
1825	mkk like kinases	17	626	rev
1876	mkk like kinases	35	719	for
2039	mkk like kinases	114	527	for
2526	mkk like kinases	9	463	for
1782	Neurotransmitter-gated ion-channel	267	1411	for
1922	Neurotransmitter-gated ion-channel	367	1168	for
2068	Neurotransmitter-gated ion-channel	222	1024	for
2102	Neurotransmitter-gated ion-channel	352	1273	for
2154	Neurotransmitter-gated ion-channel	377	1159	for
2538	Neurotransmitter-gated ion-channel	112	1120	for
1621	protein kinase	153	743	for
1630	protein kinase	123	904	for
1705	protein kinase	471	1072	for
1706	protein kinase	190	609	for
1710	protein kinase	235	641	for
1744	protein kinase	8	711	rev
1767	protein kinase	90	537	for
1776	protein kinase	200	524	rev
1782	protein kinase	706	1331	for
1822	protein kinase	24	666	for
1825	protein kinase	56	593	rev
1844	protein kinase	263	824	for
1850	protein kinase	217	779	for
1876	protein kinase	290	711	for
1977	protein kinase	38	776	for
2051	protein kinase	14	657	for
2112	protein kinase	202	644	rev
2169	protein kinase	1	656	for
2205	protein kinase	57	689	for
2242	protein kinase	33	646	for

SEQ ID NO:	Description	Start	Stop	Dir
2291	protein kinase	630	1148	rev
2454	protein kinase	49	761	rev
2526	protein kinase	0	463	for
2558	protein kinase	77	590	for
1719	Protein Tyrosine Phosphatase	82	482	rev
1769	Protein Tyrosine Phosphatase	71	461	rev
2062	Protein Tyrosine Phosphatase	270	704	for
2197	Protein Tyrosine Phosphatase	359	851	for
2275	Protein Tyrosine Phosphatase	56	680	for
1850	RNA recognition motif. (aka RRM, RBD, or RNP domain)	165	365	for
2194	RNA recognition motif. (aka RRM, RBD, or RNP domain)	37	174	for
2441	SH2 Domain	201	362	for
1618	Thioredoxins	253	554	for
1579	Trypsin	252	1007	rev
2290	Trypsin	350	1164	rev
2341	Trypsin	447	1211	rev
2421	Trypsin	14	765	rev
2430	Trypsin	700	1556	rev
2438	Trypsin	47	670	rev
2281	WD domain, G-beta repeats	70	161	for
1579	wnt family of developmental signaling proteins	282	1017	rev
1653	wnt family of developmental signaling proteins	154	978	rev
1778	wnt family of developmental signaling proteins	38	858	rev
1826	wnt family of developmental signaling proteins	574	1318	rev
1875	wnt family of developmental signaling proteins	578	1313	rev
1904	wnt family of developmental signaling proteins	205	1068	rev
1992	wnt family of developmental signaling proteins	2	824	rev
2004	wnt family of developmental signaling proteins	621	1420	rev
2129	wnt family of developmental signaling proteins	394	1343	rev
2145	wnt family of developmental signaling proteins	162	1027	rev
2204	wnt family of developmental signaling proteins	274	1405	rev
2238	wnt family of developmental signaling proteins	560	1195	rev
2290	wnt family of developmental signaling proteins	250	1273	rev
2291	wnt family of developmental signaling proteins	523	1409	rev
2294	wnt family of developmental signaling proteins	297	1237	rev
2341	wnt family of developmental signaling proteins	51	1002	rev
2343	wnt family of developmental signaling proteins	28	1180	rev
2348	wnt family of developmental signaling proteins	638	1614	rev
2373	wnt family of developmental signaling proteins	30	1078	rev



SEQ ID NO:	Description	Start	Stop	Dir
2409	wnt family of developmental signaling proteins	4	1074	rev
2410	wnt family of developmental signaling proteins	208	1107	rev
2414	wnt family of developmental signaling proteins	242	1068	rev
2421	wnt family of developmental signaling proteins	159	1057	rev
2430	wnt family of developmental signaling proteins	844	1691	rev
2436	wnt family of developmental signaling proteins	107	784	rev
2438	wnt family of developmental signaling proteins	127	1226	rev
2463	wnt family of developmental signaling proteins	5	704	rev
2473	wnt family of developmental signaling proteins	328	1193	rev
2511	wnt family of developmental signaling proteins	341	1222	rev
2523	wnt family of developmental signaling proteins	820	1617	rev
2528	wnt family of developmental signaling proteins	461	1283	rev
1735	Zinc finger, C2H2 type	495	557	for
1942	Zinc finger, C2H2 type	500	562	for
2018	Zinc finger, C2H2 type	279	341	for
2254	Zinc finger, C2H2 type	148	210	for
2515	Zinc finger, C2H2 type	422	484	for

Table 3B Profile Hits for Contigs				
SEQ ID NO:	Description	Start	Stop	Dir
2641	ATPases Associated with Various Cellular Activities	118	661	for
2655	ATPases Associated with Various Cellular Activities	135	536	for
2685	ATPases Associated with Various Cellular Activities	142	574	for
2648	DEAD and DEAH box helicases	66	931	rev
2686	Helicases conserved C-terminal domain	51	242	for
2661	Neurotransmitter-gated ion-channel	169	738	rev
2640	Protein phosphatase 2A regulatory subunit PR55	275	1510	for
2655	Protein phosphatase 2A regulatory subunit PR55	55	1087	for
2670	Protein phosphatase 2A regulatory subunit PR55	13	1183	for
2684	Protein phosphatase 2A regulatory subunit PR55	511	1861	rev
2679	Protein Tyrosine Phosphatase	292	768	for
2668	Thioredoxins	182	475	for

Table 22 Deposits of Pooled Clones

ES34	ES35	ES36	ES37
M00006992C:G02	M00005468A:D08	M00005452C:A02	M00022171D:B08
M00006756D:E10	M00021892B:H03	M00001382C:C09	M00008061A:F02
M00003984C:F04	M00001390A:C06	M00004841C:B09	M00003820C:A09
M00007125D:E03	M00022074D:F11	M00001441D:H05	M00022109B:A11
M00006650A:A10	M00005460B:D02	M00022716D:D08	M00005342D:F03
M00001452B:H06	M00022423B:D03	M00022828C:E04	M00022070B:C10
M00022972D:C10	M00007140A:F11	M00004350B:F06	M00006966B:B09
M00022305C:A01	M00004081B:C11	M00005685B:D08	M00022381C:C12
M00007010B:H01	M00005480A:H12	M00004190A:A09	M00003991B:B05
M00021946D:C11	M00008015D:E09	M00004054D:D02	M00022404D:G05

ES38	ES39	ES40	ES41
M00021912B:H11	M00007118B:B04	M00006993B:B09	M00007974B:C11
M00005378C:A10	M00007019A:B01	M00004242C:C01	M00021860B:G06
M00022578C:B07	M00021682B:D12	M00007986C:C05	M00006927C:F12
M00005513A:D08	M00005411D:A03	M00004115A:G09	M00022582C:E12
M00022176C:A08	M00006641C:H02	M00022600C:A06	M00006618C:G08
M00006822D:F07	M00007041B:C05	M00005384A:A01	M00005450B:B01
M00004031A:B04	M00005444B:E11	M00021667D:E03	M00001417B:E01
M00021927D:D12	M00022745B:G02	M00008078C:C06	M00003825B:A05
M00001553D:B06	M00022685A:F11	M00007985A:B09	M00001370B:B04
M00022404B:H05	M00004446A:G01	M00007953B:B03	M00006727B:E09

ES42	ES43	ES44	ES45
M00001478A:B06	M00006923B:H08	M00006615B:F05	M00005468D:F04
M00003972B:A11	M00005377D:F11	M00005486C:B03	M00006720C:C11
M00005477C:D08	M00006640B:H09	M00007124C:A11	M00005817D:E12
M00006745A:A01	M00005404C:F02	M00006995D:A03	M00001669B:A03
M00007090B:A02	M00004030A:G12	M00007149D:G06	M00003998A:G12
M00007152A:B04	M00006704D:D03	M00006990D:D06	M00004045A:B12
M00006953B:H10	M00006810D:A05	M00005530B:E04	M00004130D:E04
M00005399D:B02	M00005481C:A05	M00003918C:E07	M00004160A:D07
M00006987B:F04	M00005411A:C07	M00007163A:B10	M00001655A:F07
M00005772A:F03	M00003970A:G10	M00005485C:A03	M00001468D:D11

ES46
M00004217A:A05
M00004183D:B07
M00001415D:A05
M00004158C:F03
M00004031D:G02

Table 23. Library Deposits			
ES47	ES48	ES49	ES50
M00001399D:F09	M00004217D:G10	M00004508A:G12	M00021653A:G07
M00001455A:C03	M00004218C:G10	M00004508B:G02	M00021654C:A02
M00001456C:F02	M00004252D:H08	M00001432B:H08	M00021660C:G04
M00001487D:G03	M00004253B:A10	M00001432C:G01	M00021665A:D04
M00001539B:B01	M00004253B:F06	M00003992D:G01	M00021670B:G11
M00001565A:A02	M00004253C:E10	M00005326B:F03	M00021678A:B08
M00001572C:E07	M00004260A:B07	M00005332A:H10	M00021680B:C01
M00001582D:B10	M00004260C:A12	M00005342A:C04	M00021681C:B10
M00001584C:A03	M00004260C:E10	M00005342A:D04	M00021690D:E05
M00001586A:F09	M00001339B:A03	M00005349B:G01	M00021692A:E03
M00001588D:H08	M00001342C:A04	M00005352B:D02	M00021692C:E06
M00001610B:A01	M00001344D:G11	M00005354C:E02	M00021694B:A07
M00001618B:F02	M00001345A:A12	M00005356A:D09	M00021698B:B12
M00001618C:E06	M00001347A:G06	M00005359D:G07	M00021828A:C08
M00001621C:A04	M00001347B:H01	M00005378A:A08	M00021841C:D07
M00001626B:H05	M00001353B:D11	M00005383D:D06	M00021859A:D04
M00001641B:G05	M00001355B:A01	M00005383D:E07	M00021861C:A02
M00001648C:F06	M00001358D:D09	M00005385C:G05	M00021862A:A04
M00001649D:H05	M00001359A:B07	M00005388D:F09	M00021862D:F01
M00001656D:F11	M00001362A:C10	M00005390B:G10	M00021886D:E04
M00001660A:F10	M00001362B:A09	M00005397C:B03	M00021897B:A06
M00001669A:H11	M00001365D:D12	M00005399A:D01	M00021905A:G05
M00003741A:E01	M00001365D:H09	M00005409D:C02	M00021905B:A01
M00003745C:E03	M00001370A:G09	M00005415C:G08	M00021906C:G11
M00003746A:E01	M00001370B:B12	M00005417A:E10	M00021910A:C10
M00003748B:B06	M00001374D:D09	M00005442D:C05	M00021927A:C11
M00003749B:C08	M00001376B:C11	M00005446A:G01	M00021927B:F01
M00003749D:G07	M00001377A:D03	M00005446C:D12	M00021932C:C05
M00003752A:B06	M00001377A:E01	M00005454C:H12	M00021932C:G10
M00003752D:D09	M00001377C:B08	M00005455A:D01	M00021947A:C01
M00003753C:B01	M00001387A:A04	M00005455A:G03	M00021952B:F11
M00003754C:F01	M00001387D:C07	M00005462C:B02	M00021954A:A03
M00003756C:C08	M00001389B:B06	M00005469D:C11	M00021964A:C04
M00003759A:E10	M00001390A:H01	M00005480C:B12	M00021967D:E08
M00003762A:D11	M00001399C:E10	M00005483D:A12	M00021977D:E02
M00003763B:D03	M00001401D:D04	M00005484A:D09	M00021978A:F08
M00003763D:F06	M00001402D:C07	M00005491B:C03	M00021982C:F08
M00003765D:E02	M00001402D:H03	M00005493B:C08	M00021983B:B03
M00003766B:G04	M00001403B:A01	M00005494D:F11	M00021983D:B10
M00003767C:F04	M00001405D:F05	M00005496C:A01	M00022005C:G03
M00003769B:A04	M00001406C:A11	M00005496D:A10	M00022032A:E07
M00003769D:G12	M00001406D:H01	M00005497B:H07	M00022049A:A02
M00003770D:C07	M00001407B:A08	M00005497C:C07	M00022049A:D06

ES47	ES48	ES49	ES50
M00003771A:G09	M00001407D:H11	M00005497C:C12	M00022054D:C05
M00003771D:A10	M00001411A:D01	M00005497C:E03	M00022064C:H07
M00003773A:C09	M00001411C:G02	M00005498B:F08	M00022067D:C05
M00003773B:E09	M00001412A:A11	M00005498C:G05	M00022068B:H11
M00003773B:G08	M00001415D:E12	M00005508B:B04	M00022068D:D12
M00003773C:G06	M00001417C:E02	M00005524C:B01	M00022069D:G02
M00003773D:C02	M00001421A:H07	M00005528D:A10	M00022071B:D05
M00003789C:E03	M00001422D:D02	M00005530B:D03	M00022071C:D09
M00003790B:F12	M00001423C:D06	M00005534B:H10	M00022075D:F05
M00003793C:D11	M00001424A:H09	M00005548B:E03	M00022081C:G11
M00003796B:C07	M00001425C:E10	M00005550B:D09	M00022084B:F04
M00003797D:H06	M00001426A:F09	M00005565C:A08	M00022085C:C04
M00003801D:F05	M00001426D:D09	M00005589C:B03	M00022090A:G08
M00003805A:G05	M00001431A:C10	M00005616B:D05	M00022093A:A05
M00003808C:D09	M00001431A:E05	M00005620C:C05	M00022093D:B10
M00003809A:A12	M00001432A:F12	M00005621A:G10	M00022094B:G10
M00003809A:H12	M00001432B:H08	M00005621D:F01	M00022106C:F04
M00003813D:A06	M00001432C:G01	M00005631A:A11	M00022110A:E04
M00003818A:F09	M00001433A:C07	M00005632C:D06	M00022114C:B02
M00003818B:A01	M00001434A:A01	M00005637B:D12	M00022117C:G07
M00003819D:G09	M00001435A:F03	M00005642B:C03	M00022128A:D04
M00003821C:E04	M00001435A:G01	M00005647D:D09	M00022139A:C01
M00003822A:G05	M00001435B:G10	M00005655B:C02	M00022149B:D05
M00003825C:B02	M00001435C:G08	M00005703A:C08	M00022150A:H06
M00003825C:B12	M00001435D:A06	M00005704A:B11	M00022153D:D11
M00003833B:A11	M00001436D:C10	M00005708D:B03	M00022157A:F12
M00003834A:A03	M00001437B:B05	M00005710A:C08	M00022157B:A10
M00003835D:H05	M00001438C:H05	M00005720A:D03	M00022169D:C02
M00003839D:G06	M00001439B:F10	M00005722D:G03	M00022170D:H09
M00003841A:E09	M00001439C:A01	M00005743B:F02	M00022175A:A11
M00003841B:D05	M00001439C:G06	M00005763B:H09	M00022176A:E08
M00003843A:B01	M00001442A:D08	M00005765C:C04	M00022178D:H01
M00003844C:D04	M00001443D:A01	M00005810C:D04	M00022183A:G03
M00003844C:H05	M00001444A:A09	M00005813D:F06	M00022189A:A01
M00003846B:H02	M00001446D:B10	M00005818C:E08	M00022198A:C12
M00003850B:D11	M00001452D:E05	M00005818C:G01	M00022199C:F03
M00003852D:D03	M00001453D:F09	M00006576D:F11	M00022202C:F11
M00003859C:B09	M00001463C:A01	M00006577B:H12	M00022206B:G06
M00003868D:F02	M00001466C:F02	M00006587A:H08	M00022212C:C02
M00003868D:F07	M00001471C:G03	M00006594A:E08	M00022216D:C01
M00003871A:E09	M00001488B:G12	M00006596D:H04	M00022218C:B06
M00003884D:A12	M00001489B:F08	M00006601C:A07	M00022218D:B12
M00003887B:C03	M00001489D:C08	M00006601C:E06	M00022220C:F08
M00003888B:A10	M00001490B:G04	M00006609A:G10	M00022221D:E08

ES47	ES48	ES49	ES50
M00003888C:E01	M00001491C:C01	M00006633C:E11	M00022226C:B06
M00003890B:H07	M00001496A:B03	M00006633D:A06	M00022226D:A07
M00003890D:C03	M00001496D:D02	M00006634B:C02	M00022231A:F12
M00003892D:D04	M00001500A:D09	M00006636A:B08	M00022231C:A04
M00003893C:D12	M00001504D:D09	M00006644A:B11	M00022236D:A03
M00003895D:A03	M00001505A:E09	M00006644D:C02	M00022239A:A10
M00003896B:F08	M00001506A:F01	M00006686A:G12	M00022239B:B07
M00003896D:B01	M00001517D:C03	M00006692B:E04	M00022239D:A07
M00003903C:H03	M00001518D:A10	M00006728D:G10	M00022252C:E06
M00003905C:B01	M00001536B:B11	M00006733D:G12	M00022253B:E06
M00003905C:E10	M00001537B:C12	M00006734A:H12	M00022254C:D08
M00003906C:H12	M00001542C:D10	M00006735A:H02	M00022255A:C08
M00003909D:G01	M00001542C:F06	M00006764B:D05	M00022255D:E03
M00003911C:G05	M00001543A:E04	M00006765B:H06	M00022258C:F06
M00003912B:G11	M00001546B:H01	M00006785B:F09	M00022259B:G02
M00003912C:C11	M00001551D:C12	M00006791B:B08	M00022278C:E03
M00003914C:E03	M00001552B:D01	M00006796A:C03	M00022278D:F10
M00003915A:D09	M00001556D:A11	M00006800C:G08	M00022288C:D04
M00003915C:G01	M00001557C:B08	M00006814A:F07	M00022289A:D05
M00003920B:A10	M00001558B:A12	M00006819A:D10	M00022289D:B06
M00003921D:C06	M00001560C:C01	M00006820A:G05	M00022294A:D11
M00003923A:H07	M00001561B:C10	M00006821C:C10	M00022296B:C11
M00003936C:F10	M00001597C:B03	M00006822A:D07	M00022305A:H11
M00003948B:B03	M00001623B:B01	M00006823D:D12	M00022364C:G12
M00003949B:A08	M00001623D:A09	M00006826B:H03	M00022366B:E09
M00003949B:D05	M00001644D:F09	M00006828D:C12	M00022372B:D03
M00003961B:A12	M00003784C:B09	M00006832D:F11	M00022381A:F05
M00003961C:G02	M00003785D:E01	M00006846A:B01	M00022382D:H11
M00003962B:B09	M00003862C:H10	M00006850C:D09	M00022386A:A07
M00003963B:D12	M00003864B:A04	M00006850C:G07	M00022386B:D11
M00003973A:C05	M00003864D:G05	M00006851C:H09	M00022386C:A04
M00003973B:H06	M00003992C:G01	M00006863B:E06	M00022386C:D07
M00003976D:D12	M00003992D:G01	M00006866C:F03	M00022399C:A10
M00003977C:A08	M00003994C:C11	M00006867C:E07	M00022407C:H11
M00003980B:F12	M00003996D:C04	M00006868D:E02	M00022411D:G09
M00003980C:G10	M00003997D:D07	M00006870C:H06	M00022412A:C08
M00003981C:E04	M00003998A:D03	M00006873B:G11	M00022444A:A11
M00003983C:E07	M00003998C:H10	M00006875A:A02	M00022449C:B01
M00003987D:F06	M00003999C:C12	M00006877B:E05	M00022452C:B03
M00004027A:B10	M00004046A:F04	M00006879A:H11	M00022457C:B01
M00004027C:H01	M00004051C:D02	M00006882A:D01	M00022495C:G05
M00004028C:B04	M00004052C:A08	M00006901D:A11	M00022504B:E03
M00004030B:B02	M00004052C:B05	M00006907C:D03	M00022505D:A12
M00004030B:C05	M00004054B:G02	M00006907D:C07	M00022509D:F06

ES47	ES48	ES49	ES50
M00004035D:E04	M00004054D:A03	M00006912B:E01	M00022527A:E05
M00004036B:F09	M00004055B:F06	M00006921B:E01	M00022527D:B03
M00004036C:D01	M00004058B:C11	M00006960D:E06	M00022531B:D07
M00004037A:A07	M00004058C:E08	M00006963A:H11	M00022535D:B11
M00004037B:B05	M00004059A:G09	M00006966C:B07	M00022535D:C04
M00004038C:C05	M00004060C:A02	M00006972A:F10	M00022536B:B04
M00004038C:D12	M00004060D:A07	M00006973C:E11	M00022551A:G03
M00004039D:D03	M00004063C:B11	M00006973D:E11	M00022556B:C04
M00004040B:B09	M00004143A:G12	M00006974B:F06	M00022556B:G02
M00004040C:G12	M00004143A:H07	M00006976C:E09	M00022562C:H10
M00004040D:B05	M00004145C:A03	M00007014C:B07	M00022578B:G05
M00004041B:F01	M00004146D:A07	M00007015C:G05	M00022578D:F03
M00004041D:E06	M00004147A:G03	M00007016C:E06	M00022583B:E05
M00004043D:C10	M00004149B:H12	M00007041B:G01	M00022587C:G04
M00004069D:G02	M00004153D:E06	M00007042A:E07	M00022594B:H12
M00004071A:H03	M00004154D:F11	M00007043A:B05	M00022598A:F11
M00004073D:B11	M00004159D:C04	M00007046A:D02	M00022599D:E07
M00004076D:B03	M00004166B:E10	M00007047B:D01	M00022604B:C11
M00004081C:A01	M00004166C:A03	M00007051D:D09	M00022607B:A04
M00004084C:G04	M00004166D:G07	M00007053B:H03	M00022613D:C04
M00004085B:G06	M00004196C:G05	M00007058A:C02	M00022651D:C06
M00004087C:F05	M00004234B:E03	M00007062A:D03	M00022666C:H11
M00004091A:E01	M00004234B:G06	M00007099A:F09	M00022681C:H02
M00004091B:C12	M00004236D:E07	M00007100C:D01	M00022682A:F12
M00004091B:G04	M00004236D:F04	M00007112B:C06	M00022698C:E06
M00004091C:F04	M00004240D:A07	M00007105D:C07	M00022701B:B12
M00004091D:D09	M00004242C:C02	M00007121A:A05	M00022708A:C08
M00004092A:C03	M00004244B:A02	M00007122A:G11	M00022708D:G10
M00004092A:D04	M00004245A:G09	M00007122B:A11	M00022725C:E09
M00004093D:D09	M00004245C:A03	M00007127B:A04	M00022726A:A06
M00004101D:A03	M00004247A:E01	M00007129A:G10	M00022730A:E04
M00004103B:C07	M00004247B:C11	M00007130B:B03	M00022737A:C08
M00004107C:A01	M00004248A:G08	M00007132D:G08	M00022763A:E10
M00004114C:F02	M00004263D:F06	M00007134C:F07	M00022824C:H11
M00004115A:F01	M00004272D:D02	M00007137D:C10	M00022835C:E06
M00004117B:F01	M00004273D:E11	M00007140D:C12	M00022854D:H07
M00004120A:C02	M00004277D:C08	M00007150A:C09	M00022856A:D02
M00004126B:G02	M00004281B:B05	M00007150A:H06	M00022856B:F04
M00004129A:H08	M00004283C:D03	M00007154A:E04	M00022856C:B11
M00004130C:A09	M00004285B:E01	M00007163A:F11	M00022893C:H11
M00004133D:A01	M00004297D:E08	M00007163B:A12	M00022897A:F04
M00004178B:F06	M00004298B:D04	M00007166B:E06	M00022900D:E08
M00004180B:F04	M00004308A:E06	M00007170D:A10	M00022900D:G03
M00004184B:F11	M00004324B:D09	M00007172A:A05	

ES47	ES48	ES49	ES50
M00004191B:G01	M00004328A:H06	M00007172D:C08	
M00004193A:C07	M00004329C:F11	M00007188A:D03	
M00004193C:H01	M00004331D:H08	M00007189D:A09	
M00004199D:C02	M00004332C:E09	M00007193D:A04	
M00004200A:A09	M00004337D:G08	M00007195B:B02	
M00004200A:G06	M00004345A:H06	M00007198C:A10	
M00004200D:A07	M00004383A:F02	M00007199D:B07	
M00004201D:C11	M00004385C:B11	M00007204C:F09	
M00004201D:E12	M00004388C:D05	M00007929B:H10	
M00004202B:A02	M00004406A:H03	M00007961A:B01	
M00004204A:D04	M00004408D:A10	M00007964B:D10	
M00004204A:D10	M00004410A:E03	M00007971A:B04	
M00004204B:A04	M00004412B:E03	M00007977C:E08	
M00004210A:B09	M00004421A:G04	M00007995D:E06	
M00004216D:E10	M00004447D:D10	M00008074D:C01	
M00004217A:A11	M00004460B:H09	M00008094A:E10	
	M00004465C:B10	M00021611D:D05	
	M00004465C:B12	M00021611D:H03	
	M00004467A:F09	M00021614B:G12	
	M00004467D:F09	M00021618D:D07	
	M00004491D:D07	M00021624A:D07	
	M00004497C:E09	M00021624B:A03	
	M00004501A:G06	M00021625A:C07	
	M00004506C:H10	M00021629D:D05	

Table 24 Library Deposits			
ES51	ES52	ES53	ES54
M00001448A:D05	M00001439B:E02	M00006621A:G10	M00021640A:G03
M00001458B:F06	M00001443A:E02	M00006626A:G11	M00021657B:C08
M00001530A:D11	M00001443D:C03	M00006629D:D04	M00021690B:B06
M00001563C:D06	M00001444A:G12	M00006630B:H06	M00021690C:B07
M00001564C:D04	M00001445B:E03	M00006631D:B02	M00022071C:C09
M00001569B:F04	M00001451B:H11	M00006631D:C04	M00022081C:B11
M00001575A:H02	M00001452B:F09	M00006631D:E09	M00022085C:A07
M00001589C:D12	M00001488B:H02	M00006635C:B10	M00022091B:B07
M00001589D:G10	M00001491D:E07	M00006636A:E06	M00022122D:D06
M00001590D:A07	M00001496C:H10	M00006636D:A05	M00022150D:D11
M00001598C:D10	M00001499A:D01	M00006636D:F11	M00022154A:C01
M00001599A:H09	M00001499A:D05	M00006640A:B01	M00022170D:H07
M00001609A:B12	M00001499B:H05	M00006640B:F05	M00022365A:A01
M00001614C:G04	M00001500B:H07	M00006640D:H08	M00022389B:H04
M00001626C:C10	M00001504C:H11	M00006641A:B03	M00022439A:E07
M00001634C:E12	M00001506D:A11	M00006643A:E10	M00022449D:F06
M00001639A:A04	M00001543A:D03	M00006644C:E09	M00022458B:E06
M00001640A:F02	M00001543A:F01	M00006648C:E04	M00022474A:H09
M00001640A:F04	M00001548C:A09	M00006650A:B11	M00022480B:E07
M00001647C:C07	M00001555D:F11	M00006656C:C10	M00022489C:A08
M00001649B:E08	M00001557B:D10	M00006664B:B04	M00022490C:A08
M00001654D:F06	M00001597A:C07	M00006664D:H09	M00022490C:C01
M00001658B:C07	M00001604B:D09	M00006665A:F07	M00022493C:B07
M00001659D:G08	M00001605D:G01	M00006665B:D10	M00022493C:C06
M00001663C:C03	M00001621D:B09	M00006674B:F04	M00022498C:C08
M00001675C:B03	M00001622C:F06	M00006676B:F11	M00022514A:D04
M00001677A:A06	M00001624A:A09	M00006676D:D11	M00022515D:C04
M00001677A:A12	M00001640D:C10	M00006679C:D07	M00022549B:G07
M00001678D:A12	M00001645B:C09	M00006681C:G04	M00022557B:A08
M00001679C:F03	M00003782D:F04	M00006695B:F08	M00022565C:H02
M00001681A:H09	M00003783C:A06	M00006698B:E06	M00022578D:A08
M00001687C:A06	M00003786D:C06	M00006699B:C07	M00022597B:F11
M00001693D:F07	M00003787B:D07	M00006705B:D02	M00022599A:C03
M00003746B:E12	M00003787D:A06	M00006712B:H10	M00022661B:E11
M00003766A:G09	M00003864C:D09	M00006717A:D04	M00022661D:H01
M00003795A:B01	M00003993A:E12	M00006721C:G07	M00022666B:E12
M00003796C:H03	M00003997B:H04	M00006725A:A03	M00022674D:G04
M00003797D:E10	M00003997D:G11	M00006725A:B03	M00022718D:G05
M00003799B:D02	M00004047B:G09	M00006727B:G08	M00022725C:B03
M00003809B:D08	M00004048D:A07	M00006728C:B06	M00022727B:C05
M00003811B:E07	M00004049D:G04	M00006737C:A08	M00022728A:A09
M00003812B:F08	M00004050A:F02	M00006738A:E05	M00022730D:E10
M00003812D:E08	M00004051C:D10	M00006739B:B10	M00022735B:B01



ES51	ES52	ES53	ES54
M00003815C:A06	M00004058B:F12	M00006739B:B12	M00022745A:B04
M00003815D:D01	M00004060C:A11	M00006739C:H07	M00022856B:D07
M00003816C:F10	M00004064A:B12	M00006743B:G12	M00022901D:C09
M00003818C:E09	M00004066A:E12	M00006744C:C06	M00022902D:D03
M00003819A:B09	M00004067C:D08	M00006745D:E08	M00022953B:C07
M00003819C:E04	M00004134A:F08	M00006751A:F03	M00022960D:E08
M00003820A:H04	M00004134A:H04	M00006758D:C01	M00022963A:D11
M00003820D:E02	M00004134C:B11	M00006760D:G12	M00022968A:F02
M00003824B:D06	M00004140B:B01	M00006763B:B11	M00022980B:E11
M00003825B:D12	M00004143C:F08	M00006769D:A04	M00022980C:A09
M00003826B:D01	M00004144D:B06	M00006770B:C05	M00022993A:F02
M00003829A:E02	M00004152C:E01	M00006771A:E06	M00023003C:A03
M00003832B:G03	M00004159D:H07	M00006771A:H07	M00023011A:A06
M00003833D:D06	M00004160A:A01	M00006771B:A09	M00023021A:H08
M00003835A:E03	M00004161B:A12	M00006771B:F03	M00023023A:B12
M00003837C:F05	M00004163A:D11	M00006774D:C01	M00023028A:A02
M00003839C:B05	M00004164D:D02	M00006777B:D10	M00023033A:E10
M00003845A:A05	M00004165C:E09	M00006779B:A11	M00023034C:E05
M00003846D:C12	M00004166A:F02	M00006779D:D03	M00023036D:C04
M00003857C:A03	M00004167C:F10	M00006780A:H12	M00023094A:C04
M00003858A:D01	M00004169A:B11	M00006789C:F04	M00023103A:E11
M00003860B:A07	M00004200B:B04	M00006790D:A05	M00006754B:D05
M00003868B:C07	M00004222A:H10	M00006796A:H10	
M00003881D:D09	M00004223D:D07	M00006797B:D12	
M00003883D:C03	M00004225D:F01	M00006801A:G05	
M00003884B:E06	M00004228C:D11	M00006805A:E11	
M00003886C:D10	M00004229C:G11	M00006805A:H09	
M00003903C:A12	M00004239C:A07	M00006805B:C04	
M00003912C:H01	M00004239C:C09	M00006807D:D08	
M00003915B:G07	M00004240D:E06	M00006813A:C04	
M00003920D:D09	M00004241B:B01	M00006822D:D05	
M00003926B:E03	M00004243C:E10	M00006825C:D06	
M00003934D:F01	M00004266A:F10	M00006831B:B04	
M00003958C:C10	M00004266B:H06	M00006832A:F05	
M00003965A:F07	M00004268C:F08	M00006832D:F10	
M00003972C:F02	M00004268D:G07	M00006833B:E11	
M00003974B:A04	M00004269A:B11	M00006872B:G01	
M00003974C:A05	M00004269D:E08	M00006875D:D10	
M00003975B:H09	M00004276C:E12	M00006879D:A10	
M00003976C:C05	M00004277B:C06	M00006882D:F03	
M00003980C:A11	M00004277C:H11	M00006884D:D06	
M00003987A:C07	M00004279D:E02	M00006908C:A05	
M00003988B:C10	M00004281B:B03	M00006921B:C02	
M00003988C:A06	M00004284B:F07	M00006921B:E03	

ES51	ES52	ES53	ES54
M00003989C:F01	M00004287B:B12	M00006949B:F03	
M00004028C:D01	M00004287C:B06	M00006960A:G11	
M00004029A:E01	M00004297D:B08	M00006966D:G03	
M00004030A:E09	M00004332B:D02	M00006974B:D06	
M00004031A:G05	M00004332B:E11	M00007013B:F02	
M00004032D:D03	M00004346B:D06	M00007014D:C05	
M00004033C:D10	M00004389C:E01	M00007014D:D04	
M00004034A:E08	M00004403A:B05	M00007030A:G01	
M00004035A:A10	M00004407D:B09	M00007030C:F08	
M00004035B:H11	M00004419D:G01	M00007053B:C07	
M00004035D:C05	M00004449D:H01	M00007065B:B12	
M00004037B:A09	M00004463C:F11	M00007065D:C01	
M00004037C:C05	M00004466A:E09	M00007075C:D08	
M00004037D:B05	M00004469A:C12	M00007085A:B07	
M00004044A:F08	M00004470C:A02	M00007118C:G02	
M00004068A:F02	M00004498B:E01	M00007119B:H10	
M00004068B:D04	M00004509A:H02	M00004824C:G09	
M00004068D:B01	M00004605C:A09	M00004826A:E09	
M00004069B:B01	M00004609C:C11	M00004839C:B01	
M00004073D:E01	M00001378B:F06	M00004840C:F02	
M00004075A:G10	M00005294C:G08	M00004840C:H05	
M00004075C:C09	M00005294D:H02	M00004845D:E11	
M00004076A:E02	M00005330C:F09	M00004846A:D02	
M00004077D:D10	M00005333C:C08	M00004846D:H09	
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M00004078C:A08	M00005352C:G09	M00004858D:E06	
M00004084A:D11	M00005352D:E06	M00004999A:F01	
M00004086A:A03	M00005353B:B09	M00004999B:D12	
M00004086D:A07	M00005359B:G01	M00004999D:E01	
M00004088A:F12	M00005359D:H08	M00005004B:C11	
M00004089A:F02	M00005377A:A04	M00005005C:E06	
M00004089A:G03	M00005377A:D05	M00005009B:A02	
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M00004102B:B04	M00005388D:B11	M00005519B:H04	
M00004102C:F07	M00005392C:C04	M00005519C:F08	
M00004103B:C09	M00005393A:E11	M00005531B:A03	
M00004103C:F11	M00005394A:G07	M00005535B:F06	
M00004104A:H09	M00005396B:C04	M00005587B:H02	
M00004104D:C09	M00005399B:F02	M00005685A:A04	
M00004108A:D04	M00005400A:D02	M00005706D:A09	
M00004109B:A01	M00005403D:E11	M00005711A:H01	
M00004126D:B11	M00005406D:B08	M00005798B:C11	
M00004133C:B02	M00005411D:E05	M00005799C:C12	

ES51	ES52	ES53	ES54
M00004182D:H03	M00005415D:G02	M00005805D:E06	
M00004183A:D06	M00005417C:E10	M00005827B:H08	
M00004186B:E05	M00005419A:D05	M00005828D:C09	
M00004187C:H09	M00005419C:D09	M00005837A:D12	
M00004188A:E05	M00005443D:C12	M00006751B:B11	
M00004188A:E10	M00005447B:D02	M00006754B:D05	
M00004190A:C12	M00005448D:E08	M00006756B:B08	
M00004190C:G07	M00005450A:A02	M00006757D:E04	
M00004190D:A10	M00005450A:B10	M00006758A:B12	
M00004190D:G12	M00005450D:D02	M00006758D:C04	
M00004198D:H04	M00005451A:E03	M00006834A:C08	
M00004202B:F04	M00005456B:B07	M00006835B:F04	
M00004202B:G09	M00005456B:E03	M00006837C:G06	
M00004206C:G11	M00005460A:B10	M00006841D:A08	
M00004213A:H12	M00005465C:H02	M00006855C:H02	
M00004214A:D03	M00005466A:F12	M00006855D:H02	
M00004218D:F12	M00005468B:D04	M00006859A:F06	
M00004249C:E12	M00005470B:E01	M00006860B:H01	
M00004249D:G02	M00005473D:E10	M00006886A:D06	
M00004252D:A07	M00005483A:F05	M00006893C:B02	
M00004253D:F09	M00005483D:A02	M00006893C:F02	
M00004257C:A08	M00005487A:H01	M00006895D:E10	
M00004262C:C01	M00005489A:F06	M00006917C:E07	
M00001339B:E05	M00005493B:A12	M00006919B:C03	
M00001341A:A11	M00005493B:E01	M00006923C:B01	
M00001346A:B09	M00005497C:C10	M00006926A:H11	
M00001346B:A07	M00005505A:C08	M00006934A:G02	
M00001346B:G03	M00005508A:H01	M00006936B:E09	
M00001346C:B07	M00005510B:D06	M00006936B:F10	
M00001348A:G04	M00005528D:H06	M00006937B:F07	
M00001348D:H08	M00005534A:G06	M00006937B:G09	
M00001352C:E01	M00005539D:G07	M00006939B:E05	
M00001362B:H09	M00005571A:E11	M00006953D:H11	
M00001370A:B01	M00005619C:H10	M00006980A:F02	
M00001370B:D04	M00005625D:C03	M00006986C:G11	
M00001374C:C09	M00005626A:B11	M00006989B:C11	
M00001376A:H02	M00005635B:A06	M00006990B:H09	
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M00001380C:D10	M00005636C:D11	M00006991D:G07	
M00001383C:C07	M00005637D:C05	M00006995C:A02	
M00001384A:C09	M00005641B:E02	M00006997B:E06	
M00001391D:A07	M00005645D:F08	M00006997D:B03	
M00001391D:A09	M00005646C:B09	M00007006D:D04	
M00001396C:G02	M00005646D:B03	M00007010B:C11	

ES51	ES52	ES53	ES54
M00001397A:F10	M00005655D:C04	M00007010B:H03	
M00001397B:E02	M00005703C:B01	M00007012B:D07	
M00001397B:H11	M00005720B:D09	M00007031C:D01	
M00001399D:F01	M00005722A:E09	M00007032A:F11	
M00001400D:B08	M00005762D:A01	M00007033A:H05	
M00001402C:E09	M00005783A:C05	M00007033D:F04	
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M00001406D:B06	M00006581C:D02	M00007037B:D04	
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M00001434C:D05	M00006616D:C08	M00007161A:H03	
M00001435C:H05	M00006617B:D09	M00007192C:H08	
M00001438A:H10	M00006619B:C11	M00007200B:C02	
M00001438B:H06		M00021619B:G10	

We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-2702.  
5
2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10 4. The library of claim 1, wherein the library comprises a polynucleotide corresponding to a gene differentially expressed in a cancer cell of high metastatic potential relative to a control cell, wherein the control cell is a normal cell or a cell of low metastatic potential, and wherein the sequence is selected from the group consisting of SEQ ID NOS:1213, 1538, 1466, 1356, 1383, 1158, 441, 1338, 1426, 1547, 1313, 841, 1534, 1503, 829, 1408, 1447, 1389, 356, 1492, 1543, 799,  
15 1437, 1251, 972, 1482, 1299, 109, 1558, 1355, 1548, 250, 919, 358, 1525, 1157, 150, 651, 1298, 57, 625, 1322, 36, 621, 215, 561, 247, 199, 998, 502, 1382, 1181, 1309, 1157, 1260, 1185, 1525, 248, 87, 698, 57, 924, 1249.
- 20 5. The library of claim 1, wherein the library comprises a polynucleotide corresponding to a gene differentially expressed in a cancer cell of low metastatic potential relative to a control cell, wherein the control cell is a normal cell or a cell of high metastatic potential, and wherein the sequence is selected from the group consisting of SEQ ID NOS:248, 726, 14, 699, 763, 20, 79, 715, 991, 1199, 707, 1128, 891, 1146, 731, 1518, 340, 949, 1247, 1185, 924, 822, 728, 341, 1527, 698, 949, 744, 973, 1268, 1114, 1032, 109, 973, 91, 982, 1267, 93, 1556, 1251, 1206, 812, 1254, 1220,  
25 766, 1156, 1007, 981, 762, 876, 1234, 1183, 1044, 785, 1069, 770, 778, 792, 822, 1258, 1224, 984, 841, 339, 1213, 1201, 1192.
6. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-2707 or a degenerate variant or  
30 fragment thereof.
7. A recombinant host cell containing the polynucleotide of claim 6.
8. An isolated polypeptide encoded by the polynucleotide of claim 6.  
35
9. An antibody that specifically binds a polypeptide of claim 8.

10. A vector comprising the polynucleotide of claim 6.

11. A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, or xx.

5

12. A method of detecting differentially expressed genes correlated with a cancerous state of a mammalian cell, the method comprising the step of:

detecting at least one differentially expressed gene product in a test sample derived from a cell suspected of being cancerous, where the gene product is encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS: 1213, 1538, 1466, 1356, 1383, 1158, 441, 1338, 1426, 1547, 1313, 841, 1534, 1503, 829, 1408, 1447, 1389, 356, 1492, 1543, 799, 1437, 1251, 972, 1482, 1299, 109, 1558, 1355, 1548, 250, 919, 358, 1525, 1157, 150, 651, 1298, 57, 625, 1322, 36, 621, 215, 561, 247, 199, 998, 502, 1382, 1181, 1309, 1157, 1260, 1185, 1525, 248, 87, 698, 57, 924, 1249, 248, 726, 14, 699, 763, 20, 79, 715, 991, 1199, 707, 1128, 891, 1146, 731, 1518, 340, 949, 1247, 1185, 924, 822, 728, 341, 1527, 698, 949, 744, 973, 1268, 1114, 1032, 109, 973, 91, 982, 1267, 93, 1556, 1251, 1206, 812, 1254, 1220, 766, 1156, 1007, 981, 762, 876, 1234, 1183, 1044, 785, 1069, 770, 778, 792, 822, 1258, 1224, 984, 841, 339, 1213, 1201, 1192

wherein detection of the differentially expressed gene product is correlated with a cancerous state of the cell from which the test sample was derived.

## SEQUENCE LISTING

<110> Williams, Lewis T.  
Escobedo, Jaime  
Innis, Michael A.  
Garcia, Pablo Dominiguez  
Sudduth-Klinger, Julie  
Reinhard, Christoph  
Giese, Klaus  
Randazzo, Filippo  
Kennedy, Giulia C.  
Pot, David  
Kassam, Altaf  
Lamson, George  
Drmanac, Radoje  
Crkvenjakov, Radomir  
Dickson, Mark  
Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
Kita, David  
Garcia, Veronica  
Jones, Lee William  
Stache-Crain, Birgit

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PRODUCTS V

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<151> 1998-05-14

<150> 60/085,537  
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 cattgtgtga ttagattgca ttttctttat cegtctgttg atggacgttt ggggttgtn 120  
 cacnctnttg ccngagntcg aaacnnnctn ananactat gctgtggncn cntgccnatn 180  
 tctncanctc aanngnnnca gnctgtacnc nntnntgaan anncngncan ncancnacnn 240  
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 gctcccgagg ttcacgccat tctcctgect cagcctcctg agtagctggg actacaggcc 120  
 cctgccnctc taattctttg gntaaanntt ntcnntcttg natctccatn gccatgatnt 180  
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 taagggtctaa ttttttaact tttattaatg aatacctttt ttaaaatagg tttttgtgtc 120  
 attatgggtta tttgcctagt ttgatactca aaacatgact cttagtctaa cttanngntg 180  
 tttaaacctg agtancncnc agaccctttt tnanggnnaa cnnanttctc ntggatccca 240  
 gctgttgctn ttttgnngn cncntntnt ntatngnctng tntantncaa cntctgctcg 300

<210> 4  
 <211> 288  
 <212> DNA  
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 <223> n = A,T,C or G



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 gactaacagc tgacctctgt attaaggcca tcttttagctt gtcttgcata tactttcctt 120  
 gttcactaat cccttctccc caccctgctt ccttttagacc catgttaatc tattacctnn 180  
 gagcngctct agattctaga gttgncantg actaatntcn cngannctct nattctgttg 240  
 agcttaatng nctctcnaat ttnttactga tgttccttn ttagactt 288

<210> 5  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 atctccttct ccgggaattc aagtaaggca tgtctacacc ccctctacga caaagcattt 60  
 ctaccccata agacagtcaa cgacttnann cnanganac agaggnnatg nggtcggcnc 120  
 ncagagtga tgttggcgcg tgcgtgntag natctcgnag gtgttgcncc cangagtta 180  
 ccagagtcaa tgcnnnacac atagtatgag aagagcactt tntaagagnt naattnattt 240  
 gagnnnangt attttngnt ntgtanttg cncgctttt tnaangctat aa 292

<210> 6  
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 <213> Homo sapiens

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 gagccgagat cgccccactg tactccagcc tgggtgacag agcaagactc tgtctcaaaa 120  
 aaaaaaaaa nncnnnngna aanttttng nannggataa nttnggttnc ngggtnggaa 180  
 atnantnta ncnggnaagg gnaaaaaaag ggnggttant tngnggttt tnaaanaccc 240  
 caaatnaaaa agggnggtt ttaccnngn aaangnnaat gttcaaa 287

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 <213> Homo sapiens

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 <223> n = A,T,C or G

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 ggcacatgac ttagtccca gctactcagg agactgaggc aggagaatca ctcaaacctg 120  
 ggaggtggag gttgtagtga gcngcatca ngccnttnc actncannct atgntaccnn 180  
 nctgaanntg tctcatnaa ctaatncata aatnnaacc gtntntact gtgttnncca 240

nactgctctc anntntctgg acntcacnnt cctctctcta acctctctct ccca 294

<210> 8  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens  
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 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

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 ggggnnttgc naaanccttg naacagctta cntaatatta ctnttntttt atnnnngntg 120  
 ctatgnttt nanctnctt gtcaaaaangn aggcattgtt acnanantaa ntnancnttt 180  
 tganancncc tatgctgttt nngngagatt ctgcttnaac ccntgatacc ttcttgggnc 240  
 ntnannntta tntgacttc tttttacaga cactnntgtt cacacactt 289

<210> 9  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

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 ttgacctgt gatacgcccg ccttggcctc ccaaagtgtt gggattacag gtgtgggcca 120  
 ccacaccag cctttttttt tttttttttt gnaaanaaag ggncaattt tnnccaaaan 180  
 ccnnggnngn aggnnnggc ccaantnngg gntaatngaa ncntcnctt ccagggtncn 240  
 nggnttttta ngncctaacc cncngnngaa ccggga 276

<210> 10  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 10  
 gaatcacttg aaccccagag gcagaggtg aagttagcca agattacgtc actgcattcc 60  
 agcctgggtg acagagcgag actccatctc aaaaaaaaaa aaaaaaaaaa aannngnnc 120  
 ttnaaaattn ntngggggcn ttntttcnaa ngnnaaaccn ttatntncc cttngngggn 180  
 ngggnnnanc cngnnntnna angganggna aaaannggnt ttttngaaaa ntttggnnan 240  
 tntttntttt ttttnnanc nttntaaggc ntnggnnaaa aggtt 285

<210> 11  
 <211> 288  
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<213> Homo sapiens

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<222> (1)...(288)

<223> n = A,T,C or G

<400> 11

ggtgggtcat gcctgtagtc ccagctattc aggaggctga ggcatgagaa tcgcttgaac	60
ctgggagtag aggttgacgt gagctgaaat tgcaccactg aactctagcc tgggcaacag	120
agtgagactt ggtctcaaaa aaaattaaaa ataaaaaata aattgggggc tgagtgtggt	180
gntnangntn tanttntcnn ttcttangna ncttgnatnt tttnaaatnt cgnnttttng	240
tntnnnttnn tttttttnat nnatntagnt nttntntcg nttttttt	288

<210> 12

<211> 299

<212> DNA

<213> Homo sapiens

<220>

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<223> n = A,T,C or G

<400> 12

ggagaccgcc tgggaatact cgggaggcta aggcaggaga atcgcttgaa cctgacgggg	60
tggaggttgc agtgagccga gatcgcgcca ctactctcca gcctgggcga aagagcgaaa	120
ctccatctca aaaaaaaaaa gggaanttna aaannaccng caaatgtntn gttnggggan	180
ntttntgnag ggtngngncc nttnggncct ttacntaacc ccnggantnc nttaagggn	240
aangnggtn aagntgttn aancncnggg ngtnctgttn taaanangt ttggttccc	299

<210> 13

<211> 300

<212> DNA

<213> Homo sapiens

<400> 13

ggaaagccct ttgtcatgaa tctgcaggat ctgtatatgg cagtcaccac acaagaggtc	60
caagtgggac agaagcatca agcgctgga gatcctcata cctcaaacag tgcttccctg	120
caaggaatcg atagccaatg tgtaaaccag ccagaacaac tggctctctc agccccaacc	180
ctctcagcac ctgagaaaga gtccacgggt acttcaggcc ctctgcagag acctcagctg	240
tcaaaggtca agaggaagaa gccaaaggggt ctcttcagtt aatctgttgt ggcctcagct	300

<210> 14

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<212> DNA

<213> Homo sapiens

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gccttatgtc ttgggagcct gttttgctag gcaaagttac aagtgcaccta atgggagctc	60
aaatgtgtgt gtgtctctct gtgtgtttgt gtgtgtgtgt gcactcaaga cctctaacag	120

```

cctcgaagcc tgggggtggca tcccngcctt gccattaaca tgcctcatgc atnatcagat      180
gacaaggaca accctnatga cnaatcaaca tgaattaggg ggcctcttgn tcttggtcca      240
aaattgtcan tcagnnatga ncatatagga                                         270

```

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<210> 15
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<212> DNA
<213> Homo sapiens

<220>
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```

```

<400> 15
tataagatta ctttcatgtt ggatagtgtt gctatgataa cagtacatac tccaaggaga      60
ggattaatag acgtaaagcc tcttggtgtt atatggggaa agttttcggg gttttacagc      120
acgaaaaanca ccattatgtt ngatgacata gggagaaatt ttctaataa cccacnaatg      180
gactaaagat taggncttt ntnangenc cccttnattn nnntnanccc nccnacnttt      240
taaatccnct nanntncctt caggngatng cccanttaga tgactttttg gatctaaatc      300

```

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<212> DNA
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agcaaggaaac aggtataata agtggaataa cttggaataa gtataattat catccagcct      120
cccagaagaa tactcaacaa cccttgcca agcatgaacc aaggaaagag tccattaaaa      180
agaccaaaca tttgagattg tcacagcctt ctgaagttac tcattataag tcaagcaaac      240
gagaagtacg aacatctgat tcttccagcc atgtttccca gtctgaagaa caagcacaga      300

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<220>
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<223> n = A,T,C or G

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<400> 17
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ttattcttac tagcatcact gtcagataat tgagcgtgag agcattcagt gctgtgtgct      120
tggtacgaag nagtaacatn aatttagagt tnagtnntcc antttgnatc ntengcaann      180
gcattctntga ncnntgcgcc ngtganntnn nnttatgnna ntatctnatn tnnnnngnan      240
ngcnnaaac                                         249

```

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<210> 18
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<212> DNA
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<400> 18

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ggatgctgag atgatatgcc ttttgaccag gatgtctcaa gtatccaagc ccagaaatca      60
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tatcttacat taaaaatgca gaatggctca cctgcccttt gttgtcatat gttatataga      180
aaaacctatt tgcattgagaa ctgtcaccca cagttttggg tagggtcagt gtgtgccact      240
gagcaggaac gccgagggcc ataacctgtc taatgtatta aattctcagg aatcgggatt      300

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<210> 19
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<212> DNA
<213> Homo sapiens

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<400> 19
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tgatcacgat tgggggtttct gtggagccag taataggggg tgctcgaggtt gcctgtggag      120
ttagtgattg cggtttcagg ctctcgggtgat ggggttctgt ggcgtccgtt gttgattgtg      180
acggatttct caggtttctg ggtgtctctg gggagccctt gggccagatt ttcctctaga      240
ctccagccca tctcttcaga gcagctctgc ttgagttcac agatgactgc caagcttcag      300

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<210> 20
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<212> DNA
<213> Homo sapiens

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acagtgaag attttagaaa gagaagggga agaaaatgaa gccttacata agatgattgc      180
aaacgagcaa aagacttctc tcccaaatgt gttccaggat aaaaacagac cgtgtctcag      240
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tttcattatg agattgtact gcaaatgaaa gaaagaggag gtgggggtgt ctgggcttgg      180
ttacagctgg gtgtttatca caggcattta taagaagtta gtacactttc aggccctctg      240
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<223> n = A,T,C or G

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aaaaaaaaan gncnccnnga aanttttgng gannggntna gttnggntnc ngggtnggna      180

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nttantnnta ncnggcaagg gcaaaaaaag ngnggttant tagngngntt tncaccnccc 240  
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 aatcccttac taccctgaca ccgtgggtatc tactgtatct cttttcaagg tgcaatttgc 180  
 ttcagagttc cagtcagcta gattaagcaa gaggtccag aagaaatgtt tacttgaatt 240  
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 ctncctnttg cctttntgn ccttntttt ctntnttng tgtntctngt gnncttgtg 180  
 gngntttttn nggcttgctt nttntgagn tttntcttt nttnttatt ctttencnn 240  
 tgtntgtnt nttgntntnt tntgttttnc ta 272

<210> 25  
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 <212> DNA  
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 gaaactggga actaacatgt acagcgtgaa tcagcctgtg gaaactcatg tgtctggatc 120  
 atcaaagaac ttagcctcat ggaccagga aagcattgct ccaaaccctc ttgctaaaga 180  
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 <213> Homo sapiens

<400> 26  
 gccagcatga aaaccaggaa aactgctttt aactttcaag ttagtgaata tccaaggagg 60  
 atatacctgc cctatcccta aactgagctg atgaggctct gatagggttc aaggttgtgt 120  
 gacttctagt tctgattcca acccaatagg gccatctcac agccccatct ctgcatatta 180  
 gtttctcgg ttggaccctt aggtgaaac attgctatct tctcctgta catgcagcag 240  
 gcctgttttt tggctaaaga aagtaatgaa aggttcagtt tagaaatgac aggccaggcg 300

<210> 27  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 27  
 cacaagctat ataaaacctt ctagaatgtc ctttttgcag taactggtgt cactgcaatt 60  
 ttaagactga aatattagag gataaaacta gtgacatgaa aaaaatagcc ttggtgactt 120  
 gtgcattctt tgtggagccg gaaggtaatt tttttaattt cacgcactcg ctttccttct 180  
 ggagagtctg aaagggttgct gagatattag cactgacccg taatgccacc tcagagagct 240  
 ttgggatcag gcggcacttt gacaggcgat cacagngttg naaatnaggc actccagggg 300

<210> 28  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 28  
 gggctttgaa gatagctttg aggaagaaga ggaggaagaa gaagatgatg actaagcagt 60  
 actctgaatg gaccacagtg tttgcacata tttgcaattt tttgctgntt tggaagncta 120  
 tcataaacca gantcagnac agaactgatg ntgagggagg ggnacgntct cttttgtatt 180  
 ttattttnnn cnntnnnttg ttctngnctg nnnntnncat cncntnngnn tttnnccntn 240  
 aatnnanntt tttgtnnnnn tc 262

<210> 29  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 29  
 ctgcgcgaat gggctgcctg tggacatcac caaggtgccg cctgcccctg tcaacaagga 60  
 cgactttgcc ctggtccagc ggcctggccc gggctctgtc caggaggccg cccggcgcta 120  
 tgggtgaactc accaagctca tacggcagca gcacgagatg tgcttgaacc actcaaacca 180  
 attcaccag ctgggcaaca tcaactgaaac caccaagttt gaaaagttgg cggaggactg 240  
 taagcggagc atggacattc tgaagcaagc cttcgtccgg ggtctcccca cgcccaccgc 300

<210> 30  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 30  
 aggatcagga agtttgtgct ctctgcgtgg ctaagttttt cacctactag gacgggggag 60  
 gtgtggggagg ttttgggtgn cttctaagat acnnnacnag nttnnnctg ntccccaccn 120  
 taaccacagaa tnnctatatatt atcaggcgcn natgaccact ttaacttacc gngnccgang 180  
 tactgnaatt nncatanct ntgaacnnan natnnnttgt gaggattaca gcacttgca 240  
 gatgantncc actgctgaaa nattcttngn gactctantg ttatnccctt taccctt 297

<210> 31  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 31  
 gcaaggtgca gtagctcacg cctgtaatcc cagcactttg gaggccgaga caggaggatt 60  
 gcttttagacc aggagttcag gaccagcctg gccaacacag tgaggccctg tctacaaaaa 120  
 attaaaaataa tcacttagaa aaatcaaata ttcttgaaaa agtttagact tgcaaatata 180  
 atatgggggaa aatggacang cnaccnattn actctagtcc naaaatacca agccgactgn 240  
 ctnnccattaa gttnnagaag cnnaagnagg anttaacagc tccatganga ctnttgatga 300

<210> 32  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(282)  
 <223> n = A,T,C or G

<400> 32  
 tagaagaaac acacagaaca agcagcctga catgtaacag agcaggaagc ccccccatgt 60  
 ccacctctac ctcatcttgt caagtcttca agagacctcc aggcccgatc actgtgaatt 120  
 cattcctctg ggttttaggca ctacacctcc cgccacccca gagaggtagc atattaaatc 180  
 attaacagaa tctaataataa ngggggcctg tgattactgg gaacncgttc ttctgaatta 240  
 tatgcgngng anccntantn cntgnngnan gnncttttaa gg 282

<210> 33  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 33  
 aggccttttc cccacttctt aaccttcact gagaggggtg ttggggctctg tttcactcca 60  
 tgtgtcctag atcctgtgct acagaccttc cttctgtcc tcccgcttg gacctcagtc 120  
 ctgggggctc caaagtgcgt ttcgtgcagg tagtgtgatt acccaacctc ctgctganct 180  
 anccatttcc cgnccccccg ggacacgttc tctctgcca tngncttctt gnetgagctc 240



cccaagctcc atctgtcatg ctgngnagcc canntggcgt tcanaatngg tctggg 296

<210> 34  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 34  
 gctacagcca ttacagtcaa ctagatttga gtgctgccgc tggtaagtta attgaatagc 60  
 caagttatgt tgtccttacc caagtagaca gtggaaagga ataatggcan aggccatgat 120  
 gcgagtntgg ccncanccat gcatncntc tgtngtgntc ttagttctgt natactctat 180  
 gttttangtt anttacctaa atcatntntg aatcangnnt nattttncnt tntatgtatc 240  
 nnanngtnta nttttntngt t 261

<210> 35  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 35  
 ttcaaatttc tgtgcccttc tctcctctcc ttggttctct cccatgtttt gtcaaacttc 60  
 ccacaccag ctccttaaac aaagggactg gctaggtcag gcagaggttg agtcaagagt 120  
 gctcagtggt cccaggatga ctgtcaagag tgggtggcagc tctcctatgt ctcagccccc 180  
 caggagcacc tcagccctgc aacggcatca aactgggtgg cacacactag tatggagcca 240  
 gaaatcagtc agtgggaata tgatgcaccc aattttacag tgactgtgtc ctgaaactcc 300

<210> 36  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 36  
 gcctacacta gtgaattaat ctgaaaggca ctgtgtcagt ggcattggctt gtatgcttgt 60  
 cctgtggtga cagtttgga cattctgtnt tcatgaggac tcacagtcca centcatgtt 120  
 actttctttg nnnnactctn ttnccttggn tgactgcntg ctngatnttn tntctnnn 180  
 caaangtngc cnnntttagt nntncgttag agatncangn gnnngntnnc tgttaaattt 240  
 cgnnnnnnct tnnncanatt c 261

<210> 37  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 catgtggtgc acaggtcgga tggtaaattt cagatctttg cctatagagg gaaagttcct 60  
 tgggttggtga gttacagacc tgccagggga gtcctgcagc cagacaccct gtccattgct 120

agccatgcat cattaccaaa tatatggacc gcattggcaag ccataacccc cttggtggag 180  
 gaactgaatg tcctacttca ggaatggcct ggactgcact acaccgtgca cattctctgt 240  
 tctaagtgcc ttaagagagg atcgcccaat ccacatgctt ttccaggga atctgctgtg 300

<210> 38  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 38  
 aaaatgagag tattttcttt tctcccttca ttacctggg tgttttggct caccaaagag 60  
 ttgtgttctg caaatgtctg ggcaatccat ggagctaaac tggcattaga gtcaagtaac 120  
 actcctcttc tctccctgtt cttttcctta aaatcttcaa aggcattggg ggttttacct 180  
 tagcaacttg ctatttcgtc ttcttagttt gaaccttcaa atatagctgg atataataaa 240  
 atgtctctca aatgaggaag taccagaaag accagatgca tggctctcatg cttcccttgt 300

<210> 39  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 cttcagcata caccctcagg gattcacagc cttccaacgt ccattcatgg agcccaggtc 60  
 caaaacctgt gatccgagaa taggataacc cttttctgcc catagggtgt tttccaaaga 120  
 cttttcattg ctctgggtta cgtgggaaac aacaaaacag aaccatcccc cgcactggtc 180  
 agctgctacg ggtcacgcca gggaaaagtg tggactgatg tatttcgttg tttaccatgt 240  
 ttctagccag agctaatttg aaaataggta tcccaagaac cagactgcag gagtatccca 300

<210> 40  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 40  
 gaggaactcc ccaggcattc tgtgagatgg tagtggtcac agcgtgaca gatgtccctt 60  
 tgacacagtc ctgggtctt ctctgcacaa cagaaaggag ttttgtgaca aagttgatgg 120  
 aggaggttag gtatttaatt aggactagcc agggagggca gggactctgt taagcagtga 180  
 atttgtcaaa attttacttg taccaggtgg gaagataact agctgtggaa gcctgttctg 240  
 agatgccttg ccattggcaa tgactgggta accacaaggg tcactaaaag agagggttcc 300

<210> 41  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 41  
 ggaacctcac ctgtggctca gtcacccca catccgtttc tcattacgtg taaataaact 60  
 gtcagagctg atgttacagc ttttacagtt taaagcattc ccctcgtctc tagtccttt 120  
 ttnttgntt acatagtntn ggcactttcc ctgattcacn anctttcngg gnngangagn 180  
 ggagnaggng gggcgtnatc nggtgnattn ngngngnnnn gnngtgggaa ggntntggcg 240  
 ngngcngnt atntgggagn gtgggnagtg gtagggntnt antnngtgac ntggattg 298

<210> 42  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 42  
 gcttggtctg gggaaagctc atataagtat ggattttatt cctcaactag taggatacca 60  
 atactggtat tgaaacttgg ggaaaataac tggagatacc agtgcagcta tttaaagctg 120  
 tagcaagggc tgcaatcttg cggagatttt aaagagaagt tttaaagttt ctaatactga 180  
 tgctcttttt tggtaaatac aagttttata aatcctgccc tgggatcctg attccccatt 240  
 aatcaagatt tgtcagactt caccttctat aattagaaaa cacngttata agaacagt 298

<210> 43  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 43  
 cttgaaccta ggaggtggag gttgcattca actgagatca taccacttca ttccagcctg 60  
 ggtgacagag caagactctg tctcaaaaaa aaaaaggaaa actntgngan ggacatttgt 120  
 tnagtaaanc cnttcagtat tnatccntcc tttccccnca gcagcttnt ttctgtcaa 180  
 ctaaaangga ccaggangta ataaatncnt tttggnggga ctaggccacn ccaantntna 240  
 atcntctccc ntttncctta nacatttaaa ttgcaaggcg ggnccctctg gngctcaaaa 300

<210> 44  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 44  
 ccgggccagg gtaacagaat caaccctgcc ctgccctgcc tgagcctggc accagatcac 60  
 aagcaacaga agtcttctgc cagctgaaaa gctgagtgtg ggacagcagc actgaggaag 120  
 cctgacacc ctagtcccca ctctaagcag cccaccacta gag 163

<210> 45  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 45  
 ctcaggcagg gagaaaagga ggcagtgggc acagccgtgg actatggcta cttcagattc 60

```

ttccaggacc ggaggattgc ccgctgtccc ttccacacgc tgatgccanc agagcgcgag      120
acgctcctgn cnccggaann ctctcttggn gtnantgnnt nttgcttcta tttttantng      180
nnnnannnct nttggttggn ccctatTTTT cncnngcct cnnngnanct ttttttaacn      240
nngtntctn ctncngncc aatnnnnntt ccttttt      277

```

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<210> 46
<211> 293
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 46
gaagagcttc tgcaggggct gagcagaccc cagggcctct tagccaatcc ccgggcctgg      60
tgaagcaggc gaagcagatg gtcggaggcc agcaactacc tgcacttgcc gccaagagtg      120
ggcaatcttt taggtctctc gggaangccc cagntttcct ccccantgat ganatgatna      180
tgtnncttnt nanntgcntt gtnttatntn tnnctntat ttnntatctt nttttcnant      240
ttnttttttt gnttcctgnc tnnntntntn tngngnttn tcttnttgt tgt      293

```

```

<210> 47
<211> 258
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

```

```

<400> 47
tttctaatat gattacatga gtctacttta taaactggta taggctatgt aattagcccg      60
taagttactt aaaggaccag gggacctaat tttgtcagt tttccagtca cattggtgcc      120
attcaggact ccagctgttt acaggaaata tgtacttatc anaatagtat ttttccttga      180
ggnatnncan gatntttgcc tcattaccac ttgggnatta ttngntngca agnnngntaa      240
ncngcannnc cattgcta      258

```

```

<210> 48
<211> 271
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

```

```

<400> 48
gagagagagg gctgctgga gagcataggg tctggaacac caggctgagg tctgatcag      60
cttcaaggag tatgcaggga gctgggcttc cagaaaatga acacagcagt tctgcagagg      120
acnggaggct ggnagctntn agggcttntt gctntntaga tttcntatnc ncntcnnttc      180
tntnttttac cttntttct actncttntt ttttntttt ntgctntnt ntntnttnt      240
nnttnnccn ntntttctn tncntcatct t      271

```

<210> 49  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 49		
aattcggcct ctctagagtc ttccccaggc cactccttca cactccttac tagcagcccc	60	
tgcttagcct ccacactacg gcctgggtgac ctgggtccatg gtgctcgccc tgggtgcttga	120	
agcctggnaa gcgnccangg ctgtgggttcn nggatgtngc ttnagntaan angnnggtaa	180	
cccgggaann naattnanan tnnanaagng gggggctttn nttntattnc cnaaccntnt	240	
ncctttancn tannntttgg cngntgnaaa aggtattcnn antncctttc c	291	

<210> 50  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 50		
gagtctctaca ggtggagtgt ggggcccaga aggggctcag gtcttagggg tgcctctga	60	
aaaaacagag atggtgatgg gacaccagtt ctaggagccc tctgcatggc cactttctgc	120	
ctcagctctt ctaaagcatt tcttctgttc ccttccattg gggtaaccac tgatctgtct	180	
tccccaaaaac tgagtcagaa gttggacttt gttacttggc tcatctacat ttaagatata	240	
gtcagaaaaa aaatgcagtc tttacatctt aagaaagctt acatggggcca ggcgcagtgg	300	

<210> 51  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 51		
gttggttgta ccgtgtgcca atgtgtccca tgtgggttgt gccaggtaga gaaacaggaa	60	
gtcaatcatc tgtgacagtc tctattctgt cgttttgctc cttgggtattt gatttgcact	120	
atatttacnt gannctgtt cactgtttaa aaccngaggn catcttnana ggcattggag	180	
acctggcttc nnaatgntgt cccancantn ctgnetnaan ctctgtntca tntccnttn	240	
ntgnngtggn ccannacnnt tattttnaat tngtatnnta atntanacnt gtttctcccc	300	

<210> 52  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 52  
 agaacacaaa acttgaaaga agttttatgc gtgtgacagt gtatggggct gcagttggtc 60  
 tccctggagg ggacttccac acctcctgcc tttaggccat ggggtggaang tgctcnttgt 120  
 tgtctccttt ntccctttt gtngcgntnt gnnntntttg nttntnttt ttagttnttg 180  
 ttttctctn nttntntnga ncttngttt ntntnnnnnc tttttctng cntgtngnnt 240  
 ntcttngtn natattnnnn nnggttgcnt nttgggntcg tctntnttt tcta 294

<210> 53  
 <211> 165  
 <212> DNA  
 <213> Homo sapiens

<400> 53  
 gtggctttta tcatgcatga caaacccctg gctttcctgc cagatggtag gacatggacc 60  
 ttgacctggg aaagccatta ctcttggtgc tgctactgcc ctcccacagt caccccaata 120  
 ttacaagcac tgcccagcg gcttgatttt cctctgcct tcctt 165

<210> 54  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 54  
 ctttgggaca gtgtgagtgg agcttggtgc cagttgtgca cacggacacc cggaacctc 60  
 tcattaggag aagccactgc tgcgcaccct ggagatgggt tttgacctg ggctcccgtt 120  
 aatggtgttg tggctccaga tgcctcagaa ataacttcca gagtcaacac catctgcgga 180  
 agtgccgtga gacggtgcat gggctggaga cagagacagc cggcgccgaa catacctggg 240  
 gctgcccgtg caaactgggg caagcccttc agcctccatg tggtgcttt actatggaga 300

<210> 55  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 55  
 ctgtgactgg ctgagctgct gtggccgggc tgggcagtgt gcccacacag ctcagtgctt 60  
 tcctgacact ccagtgtctg ggggtggtga ggagcgagta ctctcttnt tccanaccaa 120  
 gttcctncct ngggtttgcc ttganacgtn ttatgnnttt nnancntatt nntctnnnt 180  
 atnanttttt anantntntn tnncttatta nantnnatnt tnttantatn tatagnnnta 240  
 tnnntntntn aanatatnat nata 264

<210> 56  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 56  
 ccccagattc ccaatccac cgcaatgttt ggcaagccta ggactgataa gtagctctga 60  
 tagaggagct ggtggctttt atacttcttc ctgggttttt gttggggttt gttgtttcgt 120  
 tgttttttgt tttttttttt gttnggttg gnaagnattg nnttnnacgn gngctatttt 180  
 cagtaccana gtaancnaa ggtttnaatc nagttgcata aaacaccttt gcatagctat 240  
 tnaatngccc aangtaaaac ttttaangcca tttcnaangc ttttaattcat ttttgaagta 300

<210> 57  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 57  
 gtgtcccaag tgtccggagc aggcggcaga ggcttcagtg cggcaaacac aggccagag 60  
 cctgtgtggc accagcagca tcttagagcc ccaggtatat gctgagatct tatctcacgc 120  
 tgtctccagt tgtctgttgn gacnaanngn tgnnnctant ncnnnacacc ttnnnanttt 180  
 gtatnnttgc nttnnntntn tncncttna ntctnngttt naccngntat gctnngnnnt 240  
 tntnttactt nannganata gtccacattc gctactct 278

<210> 58  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 58  
 gctaagcctt acacacttgt cctgtgcctt tgttgtcgta tccctatgta aataccttct 60  
 ccaccttccc attccttcat ggatgacttc ccagaccttc ccaactcatct tttgaatgtg 120  
 tttattgctg acttggaat gcatcaaaat cttttttttt ttnggccncn ggnntaacng 180  
 nntnacaggg ggaanncccc nngaaancgn aaaactnttn geancnang tcnnnccngn 240  
 atnttcangg ncagggatna ttggtggcna nagttttnan gncnntaang ancctttaag 300

<210> 59  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 59  
 aaaaagaagc cagtaaaaga tcctgagatg gattggtttg ctgatatgat cccagaaatt 60  
 aagccttctg ctgcttttct tatattacct gaactgagga cagaaatggt cccaaaaaag 120  
 gatgatgtct cccagtgnt gcagtttttc tcactatttn ctgcttantn tannntactg 180  
 ngggngangc ttantgctgg ntntantgag ngntantatt nctgntnttt tgcgncntgn 240

ntnnnanttn ttttcagttt cc

262

<210> 60  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 60  
 aaccggacgg acttgcccat cgccctcac gacacgcgtg cagtgggact ctagccaagg 60  
 cggtagccga gccatcatta caatttttct ggagtaaagg atccacggtg ggacatcaac 120  
 tggcacttac tctgtttagg aacttgagtt gaatcatttc taaactgtc ctttagacca 180  
 cgcttagggc agcaaattcc acttcctaga actgcaaacc gggagaggat gtagntagat 240  
 tntggcatnc tgccccggct ctttgaggga aaag 274

<210> 61  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 61  
 gaaggatctc cttggttacc aaagacactc acatctttaa ttttggtggt tcgatggaag 60  
 cacaggatat aattctctgc ctccttaaata tgttgaaagt gctgcaaagt ttgacattta 120  
 gaaatagaac tagggctgtg gggctttggt ccgcttttagc ggctttgttc tntgtcnttg 180  
 cnnnctcact tnngtgcntn gagntcagnn natattatac annantgnnn nnnncnnannc 240  
 nttangcagt nttgcagggn gcgacact 268

<210> 62  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 62  
 ggagaccgtc actccagggt cattctggaa gcattagacc ccaggatgga gcgaccagca 60  
 tgtcatccat gtggaatctt ggtggctttg aggacattct ggaaaatgcc actgaccagt 120  
 gtgaacaaaa gggatgtggt atggggcttg aggtgtgatt aggtaggagg gaaactgttg 180  
 gaccgactnn tgcccntgc tcancactga ncncctctgan tgnttnnang cttntntnt 240  
 tnnatacnnt atnncnattn ncnnnttttn nntntttntt tnttttttt 289

<210> 63  
 <211> 270  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 63  
 aacactttct accacactgt gggaagcatc gataaacagt cataataatt atcattctga 60  
 gtcactgcaa gcgtgggggt ggatgctggc tctcacagta tcctgtgtag ggaccatgag 120  
 cagccatgcg cncctncang cacgncgag ctcaaccnga agancnngcg tgctccctgg 180  
 caggagcagg atgcctgacc acagantgat aattattatn acnggtatng nngcttgcca 240  
 cagngtggnn gaaaggntg aatttcactt 270

<210> 64

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 64  
 gaataaggga aggtttggag tcctgggtga ttgcttgga tgccagcagc atttgagacc 60  
 aaacaggggt gtgaagatgg gtgggtcagc tcaccttgca gagtgtagca taaatgggca 120  
 cagccagaaa attgcttctt cctccaaagc tctctgattc aggaatttgg ggcntattgt 180  
 ggaacgttat nacattcttg tctctgngct tactnttccc gccattcatt acgaacnann 240  
 agtttnnaac gnngttctgn tntcaaagnc antgcactn nttatcatac t 291

<210> 65

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 65  
 attgtgttga gatccaccgc tcacacgcgc tacaccaccc agtggcttca ttctggctta 60  
 gccgcagagg caagaaagg accccacttg ctcccatgcc cacctcaaga aaaaacataa 120  
 aacaattttt tttaaaaaag aaaagaaatc tacctcagtt gacaggattc nacctttang 180  
 gtntcttnnt ctttttngtt ntngcngnct tntctnnttt tctttnata ttctttnnnn 240  
 ttntntnntt tnttgcnnnt nnncttgntt tntntntnn ngettentcn tttttatttt 300

<210> 66

<211> 300

<212> DNA

<213> Homo sapiens

<400> 66  
 gcctttttct ccgacgacca ggagccctac cctgtgactg atatttcgga cctgatccgg 60  
 gattcctatg agaaatttgg agaccagtct gtggagcaga tcgagcacct acgttacaag 120

cacaggatca gggtcctcca aggccacgag gacaccacaa agcagaacgt gcttcgagtc 180  
 gttatccccg aagtctcaat tcttcctgaa gacctagagg agctctacga cttattcaag 240  
 agagaacata tgatgagctg ttactgggag cagcccaggc ccatggcctc acgccacgac 300

<210> 67  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 67  
 atcatgctgc tagtggtccc gctactagtg ctccgtagt tttaaatacat gttccaactt 60  
 gaatttgagg tcttttgact ttcgttggt tttgtcagg gaaaaaaacc tgtagggag 120  
 agggtttcac aattcctttt atatttccat tcacatgtat ttacaaacgt gtgcctggag 180  
 tagtaagtac acaataagt agtttcacg tgtttttgtt tcggaaacaa aaaaaacaaa 240  
 acaaaacaaa acaaaaaaac aacggaaggt gaatggaatt gtgtttgtaa cattaaactg 300

<210> 68  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 68  
 ggcagacttc tcatccgtaa aatcaggaag ataacatgat tccaagggcg ttcattgagga 60  
 ttaaaggaag tcatgctcct aatttactgc ctggcacaca gacagtaaaa tgctcaatac 120  
 atttatggaa ggaatgaagg actctggcag aaaaacaggt cagatgtgtc tgctgtggac 180  
 aggtggctct gtcggtgccc ggtgagtgc ctgggagtct ggcagtcacc tcctccgcag 240  
 ccgtgtcccc aggtcacag gagccacctc aggtgggaag ctctctgcca gccttggaag 300

<210> 69  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 69  
 gctgcagcaa aaccagagaa tttcctcaag tggcctgtag gctccttggt atcttatgcc 60  
 cccaccctc cctcaacaat atgagtgatc cagaactggc ccaaacacct cagctctggt 120  
 ccctttttgc ccttcttggt cttactctgt tgttcaaagc cactttggat tgcttggtg 180  
 cttcgaacag ccatgaaaag tagcctgcct gtggcattta gaggccaagc aattgacaga 240  
 aagggtttct tctac 255

<210> 70  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 70  
 attgtgcacc tctaaccctc tctagcaacc ttattgatac cattcagtgc caatattctt 60  
 ccaaccaggt tgaggacttt tgatttgctg agaatgaaat tctgcatatc tttgcttgct 120  
 actaatgcct gtctgctctc tgctcacct tcttgccat tggatatgt ttggcactct 180  
 gagagtatac agcatcaatt cattcatatc tccaatactc tttcattaag tctcagttgc 240  
 ttgccagcac agacaaggta ctgcccacaa aagtccttgg aaaacaggca agatatatac 300

<210> 71  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 71  
 agatagtga ggacctagag gtttcccacc agcacagtag ccctaagtag caattgaaga 60  
 aaccagtaac cgtgtccaaa ggcacagcaa ctgagcctct catgctaag tctgtgtttt 120  
 gccaaacaga gagttttcca gcagaaagaa cccatgggag caacatagcc aagatgacaa 180  
 aactgggct gcctggcct gccactcctg cttactcata tgcaaaaacc aatggccatt 240  
 gtgacccaga gatacaaact accagggagc tgactgcagg caacaatga gaaaaccaag 300

<210> 72  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 72  
 ggcaaaaggc atctgctgga gctggtagc ccagcttggt gccccccaaa gccagagtag 60  
 gaggtcagga ggatgcaggt gtcctcctag gaggtttgag tcagaaggca cgaggcagaa 120  
 gcagtggggg aggactccct cagtagagcg aggaggaggc ccctcatcca agaggaggtt 180  
 ggagcacagg ggggtctagg ttgacagtt cnggaccggn agctnangng tcccanggcc 240  
 tttntntgt ttnganaatt t 261

<210> 73  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 73  
 gtgccccag ccagggtgag cccctttccc agaactgcct caccacccag cccttgtgtg 60  
 atcctcatgt ctctgcccc aggaccacat cctgagcttg ggtgccgact tcacctgat 120  
 ctccctcggc agcatcagga gaaagtggag cggntgttan aggtgtcang tgaanntnc 180  
 ttgngnttc ttgntnctn nontattatt ttngttant atnctngnn tntttaantn 240  
 tnttttant nttnnntnt tntntttnt tctntttat tgtntntat tnttttttt 300

<210> 74  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 74  
 agacgttgca gcaagtggac aagtggcgc tgtgcgggcc cctcgcttgt agtgagctgt 60  
 tgcagcttac ggtccgttcc ctggaggggg ggaggagtga gaggttgtgc agcatcaaag 120  
 gtgctgggac atcccagggt ggtgagatcc atccacgac cagctccggt ggagaaaagg 180  
 cccatgtcaa gccttgttct gcacccaag cattggtggt aggactgggt cctggctgat 240  
 cgctcctgtt cccagtgggg tacatgtgag cccctgccag ggccaagtcc ttctcccgaa 300

<210> 75  
 <211> 247  
 <212> DNA

<213> Homo sapiens

<400> 75

ccgtgectcg	ctttccctgt	ccccgcct	atggacaccc	ctggctcagg	ccagtgtgct	60
tgtcccagca	tgcgctcat	ctcctgtttt	tatttgatgt	tacagatttc	atttcattag	120
gaatgagtgt	ttcctccccg	acttttgct	gcattatttt	gccagctcct	ccctggaaaa	180
gggcaggggc	ggacactttc	ccagcctccc	accgtgctct	gttcctagt	gcacctgccc	240
cagggc						247

<210> 76

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 76

tgcttggtt	cggtgctgac	cgccggtccc	ctttcttctc	accacagtgc	ccatttttca	60
tccagggaga	acctcggggc	tgggacacct	cctggccctc	accctgggtc	atgtttacag	120
tcctcagtgc	cccacaccgg	tggccccctg	aggacacctc	cacctgacc	ttgattttcc	180
caaacgctgc	ctcttggtga	cagactcagc	ccaaaacccc	ttccttctgt	ctctggagac	240
ccttgagctt	ggggaaatat	ggaaggngtg	tgtgtctgca	atcaaggcct	ctgcagctca	300

<210> 77

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 77

gcctgcataa	ggtttgatta	ctcaggagtt	ggaagttcag	atggtaactc	agaggaaagc	60
acactgggga	aatggagaaa	agatgttctt	tctataattg	atgacttagc	tgatgggcca	120
cagattcttg	ttggatctag	ccttggaggg	tggcttatgc	ttcatgctgc	aattgcacga	180
ccagagaagg	tcgtggctct	tattggtgta	gctacagctg	cagatacctt	agtgacaaag	240
tttaatcagc	ttcctgttga	gctatnaang	gaagtcatat	gnnagggtgtg	tg	292

<210> 78

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 78

gctttgcaaa	ccacatacat	tattatcact	tacagtctgc	agaactactg	aattccaagc	60
tgctcgggtg	gcaggagacc	tgtgttgatg	ccatcaaagt	gccagagaaa	atcatgaata	120

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tgatcgaaga aataaagacc ccagcctcta cccccgtgtc tgnaactcct caggcttacc 180
catgatcgag agaagcnntg tggtttgnt ngaanncgac tcgnnntcat tgctnagggg 240
gngaggcggt tcgnnnttag gcttaagnta ttgtggg 277

```

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<210> 79
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 79
gccaaaggctg tactgaggat gctcctgctg ctctggttca aggctggcct ccagacttca 60
ccccctatcg ttccactgga cagagagacc caggcacagc ccccggtggg tgaccacagc 120
cctggcaacc atgagcagtc ctacgtgggg aagcgggtcaa accgggtggg gcgaaccctc 180
cagaacacgc cgtccctgca ctccaggcac tggggagctc cccagnancg ggagggacnn 240
cagcancagn atnncgannn gctnagtgcg ancnnacccc ncttgngct gcaggatacc 300

```

```

<210> 80
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 80
gagcgacgaa cttctgagac aggtgtgggt gcgagggtcg gtagggtcat gggattggga 60
ccgaggtgtg aggagggaaat ctgcaattcc ttgctacaca gagcgctggc aacttctgac 120
aggctgtttc tggggatatgg gctgcctcgg gttgttctg ttacaaggaa agaaaagagt 180
tcccctgccc accgcctccc agccactggg ctacctctg gcaggaaatt tgcaaactga 240
gtttaacaag ttaggatcag cagagggtag aggagggccc tggcagatgt ggggtctaga 300

```

```

<210> 81
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 81
aattcggcgc ggtgagtggg gagactgect tgggcggtt accgggcatg actcttcgtg 60
acgattctga gacccccct tcccccgaa ctctccagc ccgcagagtt ctatctccag 120
gtggaccgct tcagcctgct gccacggag cagccccggc tacgggtgcc tgggtggtaa 180
gtgatgcctc cgcccaggag ccctgctctg tctgggtgag catagccct ctgcagctgg 240
agggtagaac aaggaaaggc tgaggtagag ctgggagggg gcatgggtag ccttggtagg 300

```

```

<210> 82
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 82
ggaggatgtt ggcaagcagg tgtggcgggg cgccctgctc ctggcagact acatcctgtt 60
ccgacaggac ctctccgag gatgtacagc gctggagctc ggggccggca cggggctcgc 120
tagcatcatc gcagccacca tggcacggac cgtttattgt acagatgtcg gtgcagatct 180
cttgtccatg tgccagcgaa acattgcct caacagccac ctggctgcca ctggaggtgg 240
tatagttagg gtcaaagaac tggactggct gaaggacgac ctctgcacag atcccaaggt 300

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<210> 83  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 83  
 aggcgcggtg ccccgagtg gggcgctgc actctcagct tccacacct caccctaccc 60  
 ctacatcgga ccccccaag tatgtagggt gggcagaagc cacagtcgcc gccgccaggg 120  
 gcttgctcct ggctctgtcc tttgcttccc tccgtcctcg ctcagttgtg atccagcagc 180  
 cccctcccc actgcctccc cagctctcag tgaccccgac tgtctcctga cttagccgag 240  
 ccccgagac accttgagga ggccgctcct tcccagacac acccccacgc cccactgga 300

<210> 84  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 84  
 gtgacttctg ctatccatgt tgaggttgca gaacttgaag ctaatttacc ttgtacatgt 60  
 aaagtgcatt ttctgatcc aaacaagctt cattgttttc agctaacagt aacccagat 120  
 gagggttact accanggtgg aatatttctt ttgannctt ttnttcnnta nagtatncat 180  
 nttatnctn cnaatctnca ttctganct anttanatnn cacttnaata cnttcncttg 240  
 annctctct tnnnnnnntn nttctnntnn nncctntan tanatcnntt tatatctctc 300

<210> 85  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 85  
 cgtagagggt tgagaaatga cttgaagagt catgtgtgtt ggcacgttta tggccttctt 60  
 cagaggctag acaagaagta tgatgaagcc attaatgtgt acagaaatgc actaaaatgg 120  
 gataaagaca atcttcaa attaagggac ctttcttctac tacagattca aatgcgagat 180  
 cttgagggtt acagggaaac gaggtatcag ttacttcagc ttcgacctgc gcagagagca 240  
 tcatggattg gttatgctat tgcttaccat ttattagaag attatgaaat ggcagcaaag 300

<210> 86  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 86  
 ctacgggttc ccgtcaccaa ttttcttgg aattggacag atggcagcca ccataatgat 60  
 actatatgtg tccaagctaa acaaaatcat tcaacttcct gattttgata agaaaattcc 120  
 tgtaaagctg ttctctctgc ctctctcta cgttggaac cacataagt gattatcaag 180  
 cacaagtaaa ttaagcctac cgtgttcac cgtgctcagg aaattcacca ttccacttac 240  
 cttacttctg gaaaccatca tacttgggtg attttgggtt tcttccattc ttccagtgtg 300

<210> 87  
 <211> 295  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 87

tggaggaagc agcagggaag acctggcgct gcaaaatgtg caggctcgaa tacggatggt	60
cctcgcctat ctgtttgctc agttgagcct ctggtctcgg ggtgtccacg gtgggctcct	120
cgtgctggga tccgccaacg tggatgagag tctcctgggc tacctgacca agtacgactg	180
ctccagtgcg gacatcaacc ccataggcgg gatnancang acggacctca nggccttcgt	240
acagtcttcg atccagcgct tccancttcc tgccctgctg agtttctgtt ggacc	295

<210> 88

<211> 300

<212> DNA

<213> Homo sapiens

<400> 88

atccacgcgc attccccaat accttagttg tagtcaacta actagatagg ctgccgaaga	60
tggtttaact gtgtccagct taactacagc caggcttttg aatgcctggc ctatgtctgt	120
aaatgaaatc taacaattta ttgtataacg ttgttaaaca tgaagcatga tgttgccct	180
ggataaaaca ttttaaattc tcgtcgttca taccagaggc tcagtaactg accggttgaa	240
agaaaactgt tcattgtaac ctaatgatgc tagttagata gcattagatt atgttagaga	300

<210> 89

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 89

gccttttgtt gtgaagttgc tcatcattta ggagtgttta attctaaaaa gccttcagcc	60
taagaaagct tcatctgtgg ggaccagaga cttgttgctc agggagttag tgatgggact	120
tgggcatctg atctgcaggt gacaagttta gttcaactga agttgtaggg aatttagaca	180
gttgacatc attgccgttc taggggcctt gtagaaagat gaaacagttg tttttcattt	240
accagcacct ctacgttata naggtnatgg aacnttcnct tactttgnat catcattcct	300

<210> 90

<211> 300

<212> DNA

<213> Homo sapiens

<400> 90

acctttacct gcaacctggc tgagaatgtg tccagcaaag ttcgtcagct tgacctggcc	60
aagaaccgcc tctatcaggc cattcagaga gctgatgaca tcttgacct gaagttctgc	120
atggatggag ttcagactgc tttgaggagt gaagattatg agcaggctgc agcacatatt	180
catcgtact tgtgcctgga caagtcggtc attgagctca gccgacaggg caaagagggg	240
agcatgattg atgccaacct gaaattgctg cagggaagctg agcaacgtct caaagccatt	300

<210> 91

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 91  
 ggatcctcca ggctgccggc tgggaaggcg tgggcgaccc ggtgtgtggc gcgcccagag 60  
 ccccgcggtt cagccctagg gaaggaagcc agttgagga agttctccat gaatgtacgt 120  
 cacaatgatg atgaccgacc aaattcctct ggaactgcc aattgtctga acggagaggt 180  
 agccatgatg cccacttg tgaatggaga tgcagctcag caggttattc tcgttcaagt 240  
 taatccaggt gagactttca caataagagc agaggatgga acacttcagt gcattcaaga 300

<210> 92  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 92  
 ataagcagtg gctttcaaac cgtgtgctct aggactggct gggccttgga gaggcgtcag 60  
 tggcgccctg gggaaacagg gcaccagagc aatgggtgag gtccagcctg tcctgctcac 120  
 gtcagccagg gcacatccaa gtctgtgtgc agttgactgt tgggttctct gattagagtt 180  
 tgtgagggac gagggaggtt tttaaaccca cacaacaca gcatttattt tactgcagat 240  
 actgtttgaa gtgctgtatt agttcgtttt cacgttgctg ataaagacat accagagcct 300

<210> 93  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 93  
 ccccttgaga tttctggctt tttgtaggga cctcagttcc attttccaa ctcatgggtt 60  
 ctcaatacct taactatctt ttatttgc aattccaagt cctcaactca cccaccacta 120  
 cctgacccac tgcagtcacc acaccacct acccacttcc ccagggatgc tttatgatta 180  
 gcttaaatac tcaccattct gatttgaat gccgccccca cccctttttt ttgacacctg 240  
 ggagtttctt tttctttctt gtaagatcag cattacacaa acaagacat ttttcttatt 300

<210> 94  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 94  
 gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcgatggg gacctcttct 60  
 gtgcccgctg cttccggtgg gtgcaggtgg aatgttctgt gcgagagctc aagggtgcc 120  
 tggatccctg acttgtatcc ctttgttcca cagagagggc catgatgcct ttgagcttaa 180  
 agagcaccag acatctgcct actctcctcc acgtgcaggg caagagcact gaagacaccc 240  
 tggtcctccc ggaagggcag tcccacaggc agcggcacc atttctgggc ccgcccacag 300

<210> 95  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 95  
 gtgaggaaag aaatagtcag taaattgatg cgatccctaa aaagggcagc attgcagcgc 60  
 ccaggcataa gacgtgtgat tgaagatccg gaagataaag aaagtagact aatcatgttg 120  
 gatccctata aaatatttac tcatgattcc tttgagaaag cagaactcag tgttttagag 180



cagcttaatg tcagtcacaca gatctctaaa tacaatttgg aactaacata tgaacacttt 240  
aagtcagaag aaatcttgag agctgtgctt cctgaaggtc aagatgtaac ttcagggttt 300

<210> 96  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 96  
gcttagataa gtcaaatgca gtagacaatg gatagtcac acagattttt gtacatggga 60  
cttcacatac ctttaattgaa tatccatcgt gtacaaaata ttgctcaagc aatgtaggaa 120  
tcaagggaat aaaagcttat tctgatatta tagagcatat aacagccatg taaatatgca 180  
tggtatagag aaatcagttc tatgatggat gtaccagcaa agttgcagag cattatatag 240  
agttgctttt gatatgagcc ctagaataaa ttgggataga gagggagtgt gggaatttga 300

<210> 97  
<211> 286  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(286)  
<223> n = A,T,C or G

<400> 97  
ttttcttggg gacattccag attgccatat tactttattt taaacagcgc tatgacttta 60  
aatccaaggc tgctcggaag atttttttag gtctctcata agcctattct tccctgatca 120  
catgagtggg agaggttaagc ctnattttga angccctttc tgnngnnnnna nannttcnnn 180  
nccannnnn tnngaagan tntttnngng tnnncanttg ccattnttcc ntgnnnnnnn 240  
nnngnnacag gggnncaant tnnnannccc ttttnggggt tcccaa 286

<210> 98  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 98  
atctctcagg aaggccttga acaaatgaaa gcagcagcca tttcagcaag cggggggccac 60  
acctaagggt actcgagagt gaagattatc tcagaagttt agaatcatga cacttcgggg 120  
aagataggat cagggatgaa tgggagacgg gggcttaagg gagagcttag aagttagaa 180  
tctaagagag aaagggtttg tttttgggga gagggattat gtatgatatt taatagcacc 240  
tgcaaaacttt aagatagctg ggggggttctc agtaactaag gaggggtcctg accctaaaag 300

<210> 99  
<211> 287  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(287)  
<223> n = A,T,C or G

<400> 99  
ctgcattgtc cactggacgt tttagtcata ttcagacacc agttgtttcc tccactccca 60

gacttaccac atctgagaga aacctgacat gtgggcatac ctcagtgate cttaatagaa 120  
 tggcccccgt gcttccaagt gtcctgaagc tgccagttag atctctaaca tactnnantg 180  
 caagataagn caagagantn accgagattt tgnccnccgan annntactnn nnttganttt 240  
 gntgcnatnt antaactnct ggannnnnna ntntcnatnc atcccccc 287

<210> 100  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(263)  
 <223> n = A,T,C or G

<400> 100  
 ctccctcttc tatacccttc tctatgtttt attgcataaa taggaaacat tgttgaaaag 60  
 actttccttg taaactgttc tgaattttac gtttatcgaa atatctccaa agactcaatt 120  
 tagaacttta ttatgccctt atttattnaa catttnttng gaacnaacat gtatatngcc 180  
 cttangtngg cnnnngcnag nggtanann ngngagntct naatgngngn nnaannngnc 240  
 ggnnggntcg gtnngngna tgt 263

<210> 101  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 101  
 gtggccaagg gtggggccaa gactccacat agatccaggg gctcattcca tgatgctctc 60  
 atttcctaga gtcctccagg tgtacaggga attgtttcac tgacagacag gccaggatat 120  
 ctcataagct tcttgggacac aagttggagt ggtatgggtg gaattccagc acaattaggc 180  
 atatcgtggt tgggtgaaca caaccataca agggggagag gtctctacca gtggcctgtg 240  
 cagtccctgcc atgttctttc ctggtcaatg ttttaaatga taacttgga tactactaaa 300

<210> 102  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 102  
 gtgcgtctag aggaaatgta ctgttttgca gataataagt attgatcaga catgcatttt 60  
 tacctctgct gtgggatttt agtctcatta ctttgttgat ctactttgta gttaacctag 120  
 agaagttaac acagccattg ctacagagct ttctgccact tgagttccag aattccagaa 180  
 tccagtttcc tagggattgt ggggagtaaa aagaggtata gggatgggtc cctgtatggg 240  
 agcaatacng nctttattga ntatgtctta tattgtcttg tgactcaggt 290

<210> 103  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 103  
 attttttgac aggattttat tttgtgtgca tgcattctgc tccaagtgtc acaattctgg 60  
 ttacaataat tataatatat ggagttacta ctaagacttt cctgaaagag gtgtattgta 120  
 ccaaattttg taacatatnn tntactaan tgatcntana gcttntana ttntgnatan 180  
 ggnatgtgnt ancancncnn nncnttnaac nggntttttn ngtcggntnt gntttctnnt 240  
 ngntgggtgnc cnatnnnnnn tntttntnn gttcnttttn gnnctnttgt ttc 293

<210> 104  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 104  
 ggctgcccc gcgtagcag cctgtaccag gtctatgacc cgctctgccc acggctgtgt 60  
 acgacatcag accaggcact ctcagggccg ctctccagct caccacagtg tctccacgtg 120  
 ccttaccctt tctccttcag gccaaagttc gcggngtgct naattaatac gagcacnagc 180  
 aanaaattgg acnggcangn aagnntntnn agacacctaa gataaagtcc ggancccaag 240  
 gctttanctt aaccatgtat ggtaccccat tcattcatcn agaaaaccct caacagctg 299

<210> 105  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 105  
 cccgcctcgg cctccaaaag tgctgggatt acaggcgtga gccactgtgc ccggccttca 60  
 attttattta ataattatgc atgtgtggga tgcaatgtga tattttgata cgtgtataca 120  
 atgtgtaatg atcaaattag ggtacttagc atacctgtca cctcaagaat gtttttcata 180  
 atattttatt tgtaagataa gcattcttcc catgtgcaca acattgctgg gtattgttaa 240  
 gagatcatga aaacacacaa tccttattga gaaggtggcc aggtgtgggtg gctcatgcct 300

<210> 106  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 106  
 gactcttttt tcctttgtat tttctttctc agtctgatct gcttcctgac ttcttgga 60  
 ccctccaaat ttcttgattt ctaatggcac tctttctaga tttctagccc tgtacgataa 120  
 tattctttca tcatttcagt gggcttttgg agggaggcgg agatccaggt gatctgtcta 180  
 cactattcag tcagaaagct ggatggtttt tctcactgtt tagctgtgac tcatacttag 240  
 aaagtggttt aaatgtgaat atcttagttc tggttgtaga attgaggtaa tcctcaattc 300

<210> 107  
 <211> 289  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 107

tagaggttgg aaaggagtca tgaggggtgg gaaactagca ggggcacatg gaagctaggg	60
aaagaatttt gcttgagatc gtcaaagtga ggggaagagg gtagtaagca aaggagaaat	120
gttatatggg gttcggaggt tttagntcta ntntnnccct nttnatctgt tctttntntn	180
gttngctctn tnttntctcg nnagcctnct tctctntnct nnatnnttat ntngtcctc	240
gtntgtntct cncnnenttc nctntcttct ttntctnnnc tntccctat	289

<210> 108

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 108

ggtagaagga gcctcctcaa aggcagtgtt gggcaccac ggggtgtgtg gatactggag	60
tttgagagga gggaggtgtt gtggccttgg atactctaaa anagtngtaa ntntcactnn	120
tttgtgntca tannntnntn gtacttctgc tcaacnnnnc ttantttact gagnntattn	180
nnncngnact ttatnnttan tnatntnctn tttatnccct tactntnnca cnttntgctn	240
ccttattgat anctggtctn atnactttct nccntcattg ttnttcttac ttttc	295

<210> 109

<211> 300

<212> DNA

<213> Homo sapiens

<400> 109

gtcccaggaa attcctcccc ttattcttcc ttgaagtgtc cgagcatgta gggcaagaag	60
gaaggctgaa gcgctgtccc taggaggaat ttctccttca ggggagcctc agttttgccc	120
atctatctaa ttgaatcagt tttttaccca atccccgat tttgtaggat aatctccctt	180
atctaaagtc aactgattat ggactttaat cacatctaca aaacacttcc atggcgacag	240
ctagatgagt gtttgaataa ctgggactgt agcccgcca agttgacaca taaaactgac	300

<210> 110

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(286)

<223> n = A,T,C or G

<400> 110

tgtttttacc taaatgggcc cacgtggcag catgattttt gtccttttagc gccctgcttt	60
ggggacctct ctgtgtgtgt ccgtatagct tcaattcatt ctccaaccc ggtgcctttt	120

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ggctctataat ggagatgggtg cagntnattt cttngcactt gtcacaacgn nncncctaan      180
nncncctggg aatnnnancc cncataacc tttanacatt taanaaatnc atatttncgc      240
atgncnaaac gancnnnana cncnatgnaa atctcgcaat atcata      286

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<210> 111
<211> 269
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

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<400> 111
gggcaaccct ggctctatca ttttcctttt ttgccaaaag gaccagtagc ataggtgagc      60
cctgagcact aaaaggagggt gtccctgaag ctttccact atagtgtgga gttctgtccc      120
tgaggtgggt acagcagcct tggtnctctt ggggggtggn annannaacc atggnnncgt      180
gannactnnn tccagatggn tttnannnnn ngncntcttc ntccnnatn ctnntnntng      240
mnttnagnct gtangntctt nctnnntcg      269

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<210> 112
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 112
cccaaactta atgaagaact actcagcaag caaaaacaac ttgagaagat tgaatctgga      60
gagatggggt tgaacaaagt ctggataaac atcacagaaa tgaataagca gatttctctg      120
ttgacttctg cagtgaacca cctcaaagcc aatgttaagt cagctgcaga cttgattagc      180
ctgectacca ctgtagagggt acttcagaag agtgtagctt ccattggcaa tactttaaac      240
agcgccatct tgctgtggaa gcactacaga aaactgtgga tgaacacaag aaaacgatgg      300

```

```

<210> 113
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 113
gaactgtccc cggttatctc tgtocatata gcaacagccc ccaatggccc tgaccacctc      60
cctccccagc agaacgcccc ttcgtgggtg tgaataact ttctattctg gtcagcacca      120
agaatgcctt tttcccttct gcaggtcctc cagtgtattc ccttaagaat gcccctttca      180
aagccacccc cccatcgagc cggcacagct ccctctagag ttccttcaca ctcacatcct      240
ctcccgcctc aggtagaaat atccgcctgc ttagctccag gctcccatga catactcccg      300

```

```

<210> 114
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 114
cctaggtccc ctggacctgg tctttcagac acatttagcc gtgtttcccc atctgctgcc      60
cgtgatccct atgatcagtc tccaatgact ccaagatctc agtctgactc ttttggaaca      120
agtcaaaactg cccatgatgt tgctgatcag ccaaggcctg gatcagagggt gagcttctgt      180
gcactctcaa actctccaat gcaactccaa ggccagcagt tctctggtgt ctcccaactt      240
cctggacctg tgccaacttc aggagtaact gatacacaga atactgtaaa tatggcccaa      300

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<210> 115  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 115  
 gctccagaca gctcttctgt catttcacca ggtccaaaca ccagcaccaa ggctcccatg 60  
 aaatatcccc ttattccat ctcaaatcct tacctatcaa ctcttgccc agagaacctg 120  
 gaataacata ttacttcta gtccttttca atgcattttc cccttgggg aggtgtggga 180  
 gggttgtgag tgagtacntg aaagannatc ntacngatng accatntttg anggtnnctc 240  
 anagggataa atanatatag ntaaccgatg nnnnnncnnc nggagaaacc atgat 295

<210> 116  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(269)  
 <223> n = A,T,C or G

<400> 116  
 ccccccgcgt ctcccgaggag cgctgcggcc acctgcacgc gtctggcaca caaacgctcg 60  
 tctcacccct tagtttctgg aagagaaaaa ggaaaagcca ccgagaggcc tgacctgag 120  
 gggtcggtn gtagtgcggn cncgtattat agggaaagcga ttgatgagcg ttgactgttc 180  
 atcatntnaa ntgtatgntn tnattttntt tttttnttat tatttctttt tttatttttt 240  
 tntttttnt ttatatnnt tttaattta 269

<210> 117  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 117  
 gtttaccctt ggtttattgt gattatcatg gccattcccg aaagaagaat gtatttatgt 60  
 atggttgcag catcaaagag acagtgtggc ataccaatga taatgcaact tcatgtgatg 120  
 ttgtggagga taccggatac aggacattgc ctaagatact gagccatata gccccacat 180  
 tttgcatgag cagctgtagc ttcgtantgn aaaaatcttt gactcnnnngn tctgtnttnc 240  
 tcanntatag gaccacttg aacaaa 266

<210> 118  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 118  
 accatctttca ctctctggga agaaataagg tgggttacca tttacatccc agtgataagg 60  
 gccagtttga tcattccaaa gatggttggt taggccccgg ccctatgccca gctgtacaca 120  
 aagcggcaaa tggacactca agaaccaaga tgatatcaac ctccatcaag acagctcgga 180  
 aaagtaaaag ggcacaggg ctgaggataa atgattatga taaccagtgt gatgtgttt 240  
 atatcagtca accagtatta aaggcctgcc tgatatataa ccctcgaatg caacacagtg 300

<210> 119  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (283)  
 <223> n = A,T,C or G

<400> 119  
 cctccatgaa ggatattttt ggagtcgtag gagttacatc tgctaacatg cttattttca 60  
 ttcttcttcc atctctttat ttaaaaatca cagaccagga tggagataaa ggaactcaaa 120  
 gaatttgggc tgcccttttc ttgggcttgg ggggtgtgtg ntctngtnnn tnantntntt 180  
 ggggnttnag nnctaannna gntcnnnggn ctnttttnag agatanggggn ntctttgctt 240  
 ctngnngntc centtttttn ttgnnncnca gnngtgttgt ttt 283

<210> 120  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 120  
 ttcagtacca ggggcgggcc gtggctccca tcctccggaa tctgcaaaat ggctacttct 60  
 tcagaaataa tggggagagg gatggcaaga ggccagagat caaggccctc gagtattaac 120  
 ttgagcattt gggcacaata tagacacttt tggattttcc cgtcttttcc aacaccaagg 180  
 atgagattat caaaagatgt gttaaattaa tttgtaccgg ccgggcgcgg tggcttacgc 240  
 ctgtaatccc aacacttttg gaggcgagg cgggcggaat cacaaggcca tgagttcgaa 300

<210> 121  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 121  
 cacattattc cttttccatc ggaagtggcg ctctgcatc caactcgttc ccgctcatgg 60  
 aacctctctt taaaaagacg cagggcacct gtgagcgag gagcgagcct aaggcctccc 120  
 agcggcagcg cccgtgtcct gggcactcag cgtgctgggc agagcaggtg cgatggcccc 180  
 agtcctagca gccctcgccc atgtcctgtg cccttacatg gctcccgac tgtgcaggga 240  
 gccgatacgt ttgctgatag caatactgga accaccgggt gcgatggcag tgaggagact 300

<210> 122  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 122

aataaacc	caaggcca	ggttgaat	gggtccacagctt	ggtacaagtt	cccatgctat	60
gtgcagaacg	aggtgccc	caagcc	tggattaatg	ggaccaacct	agctgggcag	120
tcttttgtgg	ctgagcagtt	gcagattgaa	tatagctatc	cttttacttt	tccacctggg	180
ttgtttgcac	gctacagtgt	ccagatcaac	agccatgtgg	tgcacaggtc	ggatggaaaa	240
tttcagatnc	ttncctatan	aggnaaagnn	gctgtggtn	ggnagnatan	atgacctag	299

&lt;210&gt; 123

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 123

ggccagccag	ctgctcacac	tggacaccac	ctctatcccc	ctgcgcctct	gccctgtcgc	60
ctcctgccc	gacgcccgcc	tgctggccgg	ctgcgagggc	ggctgctgct	gctgggacgt	120
gcggctggac	cagcccaaaa	agaggagggt	gtgtgaagtg	gaattcatct	tctctgaggg	180
ctccgaggca	tctggacgga	gagtggatgg	gctggcattt	gtgaatgagg	acatcgtggc	240
ctccaagggg	agcggcctgg	tcaccatctg	cctgtggagc	tggaggcaga	cgt	293

&lt;210&gt; 124

&lt;211&gt; 208

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 124

aggccagtgt	gggacagggt	tgtgtagggt	tgcatttcaa	acacatttat	tattcagaag	60
tggtgcagat	aacgcttaga	ttacaccgaa	gaatttaggg	aggggtgggg	atgaaggctc	120
gttagtaacc	agaaacacat	tagttgggca	tcagtgaagg	gcaacataaa	ggaatggttc	180
ccctcaaaaa	cgaacaaacc	aaatttta				208

&lt;210&gt; 125

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 125

gtgaactctg	cacagtcctt	gtatatcat	tggaaaacag	cagtgtctctg	gaatagttat	60
tttttgaaat	gccctgagca	gttaggaaag	tgaagtgcgg	agaggggaaga		120
ggtggggcct	gatgcagttt	gctgggggtg	caaccacaca	ctccctgtaa	ggcctgaagc	180
agccagtgc	atgtttctag	ttggaaggca	gatagagctg	tggaggtggg	ggcatgatta	240
ggtctggctg	ggaataaggt	tgcttggcag	tgtattattt	attcgctaac	tttggtggcc	300

&lt;210&gt; 126

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 126

gtttatgggt	ttacattgtc	atgtctccac	aggacaatgc	acatgggtatg	tttgtcagaa	60
cccagttgga	gttttgtttc	ccagcatcca	aaggaaatcc	ctaactttca	ttttttcttc	120
ccgtaagcag	ccccgaacac	ttacttataa	gccatctcta	cctgaattag	caatcatgga	180
taagctcaat	aactgatcat	ttccttatca	gtttaaacca	tatatatttt	aacactgtct	240
ctttttcaca	cacactagtt	agctaagaat	gagctggggg	gctgggcgtg	gtagttcacg	300



<210> 127  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 127  
 gtaaggtaga aaaattcctc acatgggtta ataaaccaat ggatgaagaa gcatcacagg 60  
 aatcatcttc tcatgacaat gtgcacgacg ctccacaag tagcgattca gaggaacaag 120  
 acatgtctgt taaaaaagggt gatgacctac tggagactaa taatccagaa cctgaaaagt 180  
 gtcagagcgt atcttcagct ggtgaacttg aaacagaaaa ctatgaaaga gacagcttgc 240  
 tagcaactgt tccagatgag caggattgtg ttactcaaga agtgccagac tcccgccagg 300

<210> 128  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 128  
 gtgtggagtg tcccaagcac agcaggcagt cagggtggcc aatacaagggt gctggcagtg 60  
 aagtgggggc agactgagcc tgtgtagtga agtgtcttga ggaacgtcag ctgtatcttt 120  
 taggaaacca aaactgcata gacattgaac ccaggcagaa ggatcatgaag tcagagctaa 180  
 gaaatgctag tggggatagg gggtagagata gaggttggga atgtttcaga gctacagggtg 240  
 acagttgttg gtgtccagtt ggatatgtac catgaaggga agaagcagtc agagtgggca 300

<210> 129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 129  
 atccctcttt gcagaaaagg ttatagaatg ctgttcttta taaccaaaga acttacataa 60  
 gacaacattt ttgctgtcca ctcttttgtg tgaacatgta tgtttgactg caagtttggt 120  
 gccataattc ccttggctac caagccacgt gctgccattc tctgtccttt gtttcataag 180  
 cacactgaga aatctcacag ctatattctt tggctctcca cctgcccctc cacctgtgta 240  
 cttgacattg tattataact gttgacaatg actgggggtcc tgactccaca gttgcctgga 300

<210> 130  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 130  
 ttgcgtcacgg gtaattatgt gctggatcga gatgacctgg tggaggccca aacacctgag 60  
 tatgatgtgg tgctctgccc caacctggt cgctgtatgg caagagaaag actcttacag 120  
 aaacgatcta caagaactac taccgaatcc aattgaagcc agagcagttc agttcctacc 180  
 tgacatcccc agacgtgggc ttctccagct atgagcttgt ggccacaccc cacaacacct 240  
 ctaaaggctt ccagcgtcct gtgtacctgt tccacaaggc ccgatcccc agccactaag 300

<210> 131  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 131  
 ggtggaggga ggcagccggc atggcatggt gaggaagggc catggaagag gacagaacct 60  
 gtccacggag tcaatgctga ggaaggaaga cggaggatga ggccagtcag gtttttcgtg 120

gtggcagtgc	cttatgtttt	tatcgaagtg	tatattcaca	cagaaaagca	catctcccag	180
gatcctgaga	gagcttgaac	cagaccactg	tggacacggt	ggccacccgt	caccactacc	240
cttcccaagg	ggagacgagg	agcaagtagg	cttgagggaa	aagctgcaca	ggactcgtgt	300

&lt;210&gt; 132

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 132

atttgaggat	ctcgaccttg	tccttccagc	aggtgctccc	aagccacctc	tgggcctgag	60
aataggcatc	acatgactct	gtttaatcct	ccgacacagc	aaggatgccg	ggaagcaggg	120
caaagtgggt	caagttatcc	ggcagcgaaa	ctgggtgggtc	gtgggagggc	tgaacacaca	180
ttaccgctac	attggcaaga	ccatggatta	ccggggaaac	atgatcccta	gtgaagcccc	240
cttgctccac	cgccagggtca	aacttgtgga	tcctatggac	aggaaaccca	ctgagatcga	300

&lt;210&gt; 133

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 133

cccgtgagt	ggcagtggca	ggaagtccgt	ggaagcagat	ccctgtgcag	aagttgaatt	60
accagggcgg	ccacacacgg	gctgcacaac	ctttgcagtc	gtgcacggca	agtgggatgt	120
ggcctccgcc	catgattggg	cacctgggtca	ggctgggaga	tccaaatagc	acccagtggg	180
cagctgtccg	acccctggag	gggcaagcca	ggaaagaaac	ttagggcccc	ctgtgaccag	240
atgtcccttc	cagttgggaa	gactaaactg	gtttggccaa	tatctcccag	gattcccctg	300

&lt;210&gt; 134

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 134

ggtacctggt	gcctctgact	gcgcctctgc	ctttgccgcc	tggctcctgg	tggttcaagt	60
tccagaaaagg	tccgagggct	gtaaggctct	tagagaacct	agaggctcct	cctaggaacc	120
tttaaaaatg	ataccctgcc	ctgcgttgga	gcctgtgaat	ttctttgcat	gtgaggggcc	180
agctgtcagg	tggctggctg	agccagggca	gaccaggag	cccagcacgc	catcgcgagg	240
gcctttctga	tggtcacagt	ctagccgttc	ctcctgcttc	tccgcccact	tggccatgtc	300

&lt;210&gt; 135

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 135

aaaaagcctg	ccttctgctc	cccaggggtt	cttttcccag	gaggtgtgag	cctacctgga	60
ggagggcttag	gcacagggat	acctgctgga	ggtctgagcg	ttggttgagc	acctcctggt	120
tgtaggatcc	tgtgccagag	cctgtgggga	ggtggagaga	ggctaggaga	catagccccc	180
acccctgagg	gatgagacag	ctccctgcag	gcaggctgtg	cccagtcac	tcaagcctac	240
agctgggctg	ctggctgcat	ggtctggagg	gcgggggga	gg		282

&lt;210&gt; 136

&lt;211&gt; 260

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 136  
 agatacattg aactcttcag gagcacagca gctgaagttc agcaggtgct gaatcgattc 60  
 tcctcggccc ctctcattcc acttccaacc cctccatta ttccaggtag tacctcagca 120  
 atttgggtggc ccctacaaat ggtaaaaact ggattacgcc cttcaaggct ttccttatgn 180  
 agcccccantt gaggacatcc tggatttcct gggggagtnn ncnagatat tcgnctcatg 240  
 gggnnccctg nnnnnnnntc 260

<210> 137  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 137  
 ctggtgtcca tcagcacctc cgtgatccctc atgcagcacc tgctgcctgc cagctactgt 60  
 gacctgctgc acaaggccgc cgcccatctg ggctgttggc agaaggtgga cccagcgctg 120  
 tgctccaacg tgctgcagca cccgtggact gaagaatgca tgtggccgca gggcgtgctg 180  
 gtgaagcaca gcaagaacgt ctacaaagcc gtaggccact acaacgtggc tatccctctc 240  
 gacgtctccc acttccgctt ccatttcttt ttcagcaaac ccctgcggat cctcaacatc 300

<210> 138  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 138  
 gacggcagtg gggaagttgg cacaacctta caaggccaca ctcgtgtcat cagcgacttg 60  
 gactgggagg tggtttgagcc tgacctcctg gttaccagct ctgtggacac ctacatctac 120  
 attctgtgaa gttctgggat taccgccagc ctcggaaata cctcaatatt cttccttgcc 180  
 aggtgcctgt ctggaaggcc agatacacac ctttcagcaa tggattgggtg actgtgatgg 240  
 ttccccagct gcgaggaggaa aacagccttc tcctgtggaa tgtctttgac ttgaacaccc 300

<210> 139  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 139  
 gatgcacggg cactttggag gaccgagcgg ccactctgag taagatcatc caggtggcgg 60  
 tggaactgaa ggattccatg ggggacctct attccttctc agctctcatg aaagccctgg 120  
 aaatgccaca gatcacaagg ttagaaaaga cgtggactgc tctgcggcac cagtacaccc 180  
 aaactgccat tctctatgag aaacagctga agcccttcag caaactcctg catgaaggca 240  
 gagagtccac atgtgttccc ccaaacaatg tatcagtcctc actgctgatg ccgcttgtga 300

<210> 140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 140  
 tgtaggcaca agattttctt gctagcggaa tgtgaaccaa aaagtgtaga ggccaatcag 60  
 taaaaatatt caaagccagt tttgttgttt tcagcagtta gtaactatca gtagatgaat 120

atttactagg aaacattggt cttttaacca ctttgggcat gcttcttatt tagtatgttc	180
atcatgattt agtatcatga cattcagcga acattttattg agtgcctact gtgcactagg	240
gactagtaag catgttaagt ttgtaagctt tgttgatttc caccacaaac ccataggacc	300

&lt;210&gt; 141

&lt;211&gt; 234

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 141

ccagatccta aagctgtgtc cttaatgaca gcaaagttaa gcacttcctt tgtcctagag	60
acattttattc atttcaaaga aaagcccacg atgcttcagt ggattgaact gttgacgaaa	120
cagtttaata atagtcaggc agcttgtgag tggtttttag atcgtatggc tgatgacgac	180
tggtaggcaa tgcagatact aattaagtgc cctaatacaa ttgtgagaca gatg	234

&lt;210&gt; 142

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 142

ggaatatcta agcagacata aatagtaaca tcagggcact tcagaatcct catccgattt	60
atatcttcat aggtccatgt ttctattttc aaatgtcctt tatttcaaag cagcatgtca	120
ctaaaaaaaa gaaatgggca atcatcattc ctcaaaagat acgtgcattt ggttgggcaa	180
aatcatccag gctaccagtt ggataataaa agtcgaaatg tactatttga ttttttccta	240
tgtttccaag caagtatttc tcaccagaca ctgcccccat catatccctt ttcctcttct	300

&lt;210&gt; 143

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 143

aataccttta aatccctggg cagcaccgca gggacagata ttaccgtcaa cagtgtgatt	60
ctacttccta aaaaccctga gcactttgtg gtgtgcaaca gatcaaacac ggtgggtcatc	120
atgaacatgc aggggcagat tgtcagaagc ttcagttctg gtaaaagaga aggtggggac	180
tttgtttgct gtgccctctc tccccgtggg gaatggatct actgtgtagg ggaggacttt	240
gtgctctact gtttcagtac agtcactggc aaactggaga gaactttgac agtgcacgag	300

&lt;210&gt; 144

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 144

ccaaaaggca taaagataag tgagggatgg agttctggaa gttgtgtatt cacgtaagat	60
ttactttcag gtattggcaa aaatcacagc tggagtgcag attaagcatg gtaggagggt	120
ggtgattgga gaaggaatgg aggggaaaaa ggaaaaacta caaatcatgt taaaactgtc	180
ctcattgagt tttaacaagta atatactggt cttatatacc ctttcctcct accgtgggaa	240
aatatcacta acttgtaata ggattaaatg aggcaatacg taagcttttt agacattttc	300

&lt;210&gt; 145

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 145  
 gagaaaaactg aaatcagatc atacagatgt tctgtactat aatataaaaa gaagacaagg 60  
 actgaaaaga ttgagtgtag aaattgacac tctcagaagg agaccaaaaa tcggttcttc 120  
 atcccaaaga cctattaaac tcaaagaagc atcatattca aatgataatc aaattatattt 180  
 gcagagtctt tcttcaaagc gaactaaaaa agacatacat aaatgtgtag actttaaac 240  
 taaagatattc aaattgacaa atgctgggag caagcttgac catggaatta aaagccttag 300

<210> 146  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 146  
 gcacgcccc ttttctccgc cacttcacca gtttctgaaa tccaacctcc cagacttcac 60  
 aggaagatag atattcttga gataatgaaa agtgatatct tcgcatacca taggagaaaa 120  
 ggctgaggta tatatgattt ttaactgtat taggggtgta tgaaccagtt taaaaacgag 180  
 gttttattta ctgtagagat gaatgcaaat cagaaccaat gatcccttgg cctacttagt 240  
 taaaaccagt tcatacatcc cttagggttt ttattattat tattattatt attacagtt 299

<210> 147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 147  
 gcaccagcc ggcttcatct cttcttgaaa tcacttttat accattctat gtggttctca 60  
 ccatgagctt gagtgggtgg ctaaaagtgc tctccctgct ttcagcttcc tgctgggaac 120  
 tcactctctc aagtctcttc cagcaccacc ccatagagtt cccatcactc cacactgtcc 180  
 agtgacaact cccaacatgg aagatctgct agttctacag ggtgctctct ggctgcccc 240  
 gtaacatgtg tttttaaat tttcacatgc atgtttgacc ccgactcccc gaagtcaggt 300

<210> 148  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 148  
 ccggctaatt ttttgtattt ttagtagaga tggggtttca ccatgttacc caggatggtc 60  
 tcaatattctt gagttcatga tccaccacc ttggcctccc aaagtgtctg gattacaggc 120  
 gtgagccacc acaccagcc agttttccta ttttctgaat tcagaattga cttctctggg 180  
 aaaactggag atgagaatct gccagtgct ctgctgtcca gtcaccgcct tttgaatttt 240  
 agttttggca ccaggagtac cgttagcttt ccccttcttc tggcccattt gcgtcatttc 300

<210> 149  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (296)  
 <223> n = A,T,C or G

<400> 149  
 ctgcagctg tcagagttgg tcttggtgt ggcgtccaaa cagcttgagg gaaaaagatt 60  
 ctggctaacc acctcatcta ctactcaagt tctttctgaa ggagggattt ctcagttaa 120

ccatggacag tgaggtttct caccacagta acttgagtcc aggttgaggg ggagacagat	180
ctgtggtaaa tctntganth gnnatcnta ntgantgnng aaccnctcag gactcnttat	240
gnaanganct tgtgtgtnaa agaaccnntg gagcngatct ggagacctat atgtgt	296

<210> 150  
 <211> 141  
 <212> DNA  
 <213> Homo sapiens

<400> 150	
ggaaggacta cggatccgca ggaagaggca gttggggggc aggggcccag tagaggaggc	60
tgagctcctt ccaactcctc agaacctcca ctctatggat ctggacctct ggattcggct	120
ttctccctgg gcactgcctt c	141

<210> 151  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 151	
ccgagatggt gacactgcac tccagcctgg ctgatagagc gagactccat ctataaaaag	60
taaaaaagaa agtcttcagt gaaaggagat tcgccctatc agctatgaaa gcacagaggg	120
gaggaacatg gagtggggc tgcctgcagt cagatcctgc cctcacaacc ttgccaggga	180
aacaggctcg tgggtacaaa ggttgtgtgc ctcaacttcc tcatggaagc acgtgagatt	240
attttataac catagagtgg agacagtcag tatgaccacc aaaccagga gccatatatt	300

<210> 152  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 152	
gtgggtgtgc cttttcccag ctcgaaaccc tcaggcttct gcctgggtgtg aagttcagat	60
tcctcaggct gagctgctct tgcctcagtt tcccagcctg accaaaggaa gcagggtggg	120
cctctgggat aaagagcgtg tgcctggcct tccctgtgtg ccccgagac acacactcca	180
ccccactccc catgccccag ggcccaccag gctgacttct ccgctgcttc tgacgggctc	240
ccttgccctc tgggttccag tcagccagca ggaggcacca gcaggaatcg gagggtgaga	300

<210> 153  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

<400> 153	
ccctgtttta cagcaataag cacgtcctcc tccccactc ccacttccag gattgtggtt	60
tggattgaaa ccaagtttac aagtagacac ccctgggggg gcgggcagtg gacaaggatg	120
gcaaggggtg ggcattgggg tgccaggcag gcatgtacag actctatata tctatatata	180
atgtacagac agacagagtc ccttccctct ttaacccctt gacctttctt gacttccctt	240
ttagcttttag acccctt	257

<210> 154  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 154

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gttatcccg aagtctcaat tcttctgaa gacctagagg agctctacga cttattcaag    60
agagaacata tgatgagctg ttactgggag cagcccaggc ccatggcctc acgccacgac    120
cccagccggc cctatgctga gcagtaccgc atagacgccc ggcagtttgc acacctgttt    180
cagctagtct cgccctggac ctgcggggcc cacacggaga tcctcgccga aaggacgttc    240
aggctcttgg atgacaacat ggaccagctc atcgagttca aagcgtttgt gagctgcctc    300

```

```

<210> 155
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 155
aaagaaagca gcagagaaaa aaggagtggt tctcgtagcc caagaagacg caaatccaga    60
tctccttccc ctagaagacg atcttcccct gtcaggagag agagaaagcg cagtcattct    120
cgatctcccc gtcacagaac caagagccgg agtccttccc ctgctccaga aaagaaggaa    180
aaaaactcca gagctcccag aaccttcagt gaaagtaaaa gaaccttcag tacaagaggc    240
tacttctact agtgacattc tgaaagtccc caaacctgaa cctataccag agcctaaaga    300

```

```

<210> 156
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

```

```

<400> 156
catcacgggt ttaccagtg gtgaaagaag gacggacact ggatgccaaag atgcctcgaa    60
aaagaaagac aagacacagt tcaaacccac ccttgagagag ccatgtgggc tgggtgatgg    120
attcccgtag gcacaggccc agtactgctt ccatnatctc nannctntta tatggnatgc    180
ttactttnnn aannattnnn tngttntntt tngnatagct cttnggcttn nttntggnat    240
tgctntnttt tntngggttt tgtntgttt tttt                                274

```

```

<210> 157
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 157
gcagatttgg ttccatacct cttaaaatta ctggaaggca ttggccttga aaacctggac    60
agcccagcag ccactaaggc tcagattgtt aaagctctca aggcaatgac tcgaagtgtg    120
cagtatggag aacaggtgaa tgaaatcctg tgccgttctt cagtctggag tgccttcaaa    180
gatcagaaac atgatttggt cttttctgag tcacaaacag caggatacct cacaggacct    240
ggagttgctg gctaccttac cgcaggtaca tctacatcag tcatgtctaa cctgccacct    300

```

```

<210> 158
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

<400> 158  
 cctacccatg tgttcccgaa ggctgggcac tgagctccca caccagcat acagctcatt 60  
 actcacacac cctctgccgt ctacagagta attagtagag gaacacgccc ttttctctgg 120  
 agatttccgc cccagtcgta ccaactcttt aacaaggaac aaaagtcaac aacttcaagt 180  
 ttcctgtgag gatgaaatcc agagtttcta atgactaatc tccatcgta aaagaaaagg 240  
 caaacctcag ccccttcaga cagctaatac caggagaagt tcatgantat tnnaagaaag 300

<210> 159  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 159  
 ccgactagta acatatatca tagcttccaa agtatttgtt tacagaatac cacagtgact 60  
 aattaccaga acttttctta ttctctctga gcaaaggaac ctcatgggag aaaaaaata 120  
 taggtcattt ttaatgtaag ggagttgcta ggattggagg ttaagacagc tatttacct 180  
 tcatgnangg antnntgan gacctcaca nngtnttct aggnatagag aaaggtgcaa 240  
 atcttcttat cagaaacgca ttataaatag aaaagaaact cttaaaagag attcttcaaa 300

<210> 160  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 160  
 ggcacagtcc tctctgttca tagaaacacc tgccagtgtc aaggattcca gtcaggtgtc 60  
 tatcccaact ggtcaggagg agaagggcag acccattctc aaagaccacc atgtccaagg 120  
 tctgacagct cccactggc tgccccaca ggggcttttag gctgggtctgg gtcatgggga 180  
 agcgtccctc ttatcgctgg tctgtgttct cctgggattt ggtatctatg ttggtacgac 240  
 tcctggcctt ttatctaaag gactttggct ttgttaaata acaagccaat aatagacttt 300

<210> 161  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (288)  
 <223> n = A,T,C or G

<400> 161  
 gctggaggca ttcgaaagg actcccgatg tgggtggcgg ggctgaaccc tgtggcttct 60  
 gaggtccctg ccagccagag acttgtgtga gtctttgaat ggcttcacat gaacaaaaga 120  
 gcatttctgt cacttttct ctagtctttt ncatcncacc natctnngag ctgaggcnnn 180  
 gttntttctc nnatntatt tctntntnt tttntctct ttttntctna tttttntntn 240  
 tgttacannt tnnnaattt cntntnttt tttntntct ctatcttt 288

<210> 162  
 <211> 293  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 162

ctcaaaagtc	agcacaacaa	gtggaaaactg	gccaaaccagt	atgagaaatt	ccacagtcca	60
agggaaagag	aagagtatag	tgactgaggt	gggtctctct	gtccaacatg	caggcagcac	120
tccctcatcc	tgctcagtga	gagaattcag	ggggaataga	aaagctgctg	agagttggta	180
aagaggatgg	tcgagtgaga	tggtgttgac	ctccctggat	cttatgttac	tacatcctgg	240
acctcnagag	gntcatccaa	nctttttgaa	agctnatctt	cttgntcgtt	taa	293

<210> 163

<211> 300

<212> DNA

<213> Homo sapiens

<400> 163

gtggcgagct	ctgagttcac	tacagcctcc	acctcccagg	ttcaagagat	tctcctgcct	60
caacctcccc	agtagctggg	actacagttg	aaaaagatca	tctagcaaag	cctttttccc	120
agctacatat	aaggaaattg	aaagtcacat	aaaatggtta	agaaaaatgtg	ccaagattac	180
ctcagtaatt	ctggctctgtg	ttctcaggag	accctggaaa	taaacaatgt	gtcttctgtg	240
gcttcagcgt	cacctagtgc	aggctgccat	tcaacaaacg	cattgtcaac	agtcaaccaa	300

<210> 164

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 164

gccagattga	ccaagcgcca	gagacaaaat	gtggcacaac	gagaacccca	gccctgtcca	60
gggtggctccg	cgcccagggc	ccaggcttag	cagtgtctccc	tgccttatct	tttggaaatt	120
cttgctttta	tggtnttnan	ctctttangc	cctnaatanc	nangtncctg	ntgngtgtn	180
cttntcnttg	ctgctnttnt	tttannntcn	nntatntnnt	ttngctaga	gctntngcta	240
ntnatatnnt	tnnntttnt	gtttt				265

<210> 165

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 165

atcaggactg	tgtatgtctg	agcacatgtg	gctctgtttg	ggattacgtg	tttgtctgtg	60
aatgtgtgtg	tgtgttgagg	gggtgtctat	tgtgtgtggc	tgtatagggt	gtctgtagat	120

caagatgtgt atacagctgc ttctgtatt gctggtttgg gggaggtgnc tganaanctg 180  
 nnaactgnnta tcntgannna agangggngn anggcncacc cctgntnctg ntcantntta 240  
 accntgntcn nnatntngnn ctctg 265

<210> 166  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 166  
 ggggttgagaa ccaagggagt cagatcaacc agtcagatca accatgtggc tgcaagacag 60  
 ggcagagagg ggacgtcagc cccaggcccc tccacacctc atgtgcagtt ctacagcagc 120  
 ggcacaggca ctgcctacac agagccaacc tctgagccca gacccctcca ctgtaaaaatg 180  
 agaataagca ctcaggatgg ttgtgaggat tctaataacag actgagaaga aatggtgacc 240  
 taggctggca catgggacac tcccccaagat gtccttttt catttcctc aagcccagag 300

<210> 167  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 167  
 accaactgat gacccaccag cctaactctg cccacaacca tgttctgttc ggtccatggt 60  
 ctatttaaaa gtatcttgaa ttggttgcca tcatttaaac tcaatcagac tttgaaggca 120  
 tggccagacc acacagggcc tacattccca catggcaact atgaaagggc tccagcccag 180  
 caggggtgt cccggctcct gccaccccca ctctctgtgc ctcagatctg gccctgcta 240  
 cgtaagataa ggacagctac aggtccctct gaggctaaac ccacctaacc ggactaacat 300

<210> 168  
 <211> 246  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(246)  
 <223> n = A,T,C or G

<400> 168  
 cctgatcctg ccaacagcag ttcaggccag cccacatgg agcaagtacc tgaggcccag 60  
 ccccttgggg acttgcccat cctggaagtg gaggagatgg agccccgcc ggttatggag 120  
 tccttccagc ccgcccaggc tacgccccg ctgactctg ggtgnganan gnantttttg 180  
 tttttatctt angaattggg ncnttttgg nnnnaattgn nttnannttt ttntntnnnn 240  
 nntnt 246

<210> 169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 169  
 gcgaagcagg cttttgtctca tgtatccaag ttgctgtcac agtgtaaatt tgatctgttg 60  
 gaagaacttg tggccaaaga ggtgtacat gcattgaaag aaaagggttac ttcactacct 120  
 gacaaccata aaaatgccct tgctgctaac atagatgaaa ttgtatttac atcaacagga 180  
 gacatctcca tttactatga tgagaaagga aggaagtttg ttaacatcct gatgtgcttt 240  
 tggatcttaa ccagtgccaa catccccagt gaaactttta gaggagccag tgtattccag 300

<210> 170  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 170  
 aagagacgag cggcccagac aggcctggga aggccctctt gccccgtcag gggtgaaaag 60  
 caaagctgga aggattcgga gaggggtggg gccgtcttcc tcacccctcc tttctcggg 120  
 gctcccgtgg gtagggtcac ttggagcaac cgggcctgag ggggtgtgag ggggtggagg 180  
 tgnggaggnn atcgnnccng gcncnccng gtaenctcnc nncnnnccnc ntncnnccnc 240  
 ttctcnntnt cncnccnntt ccnnccnctc cctc 274

<210> 171  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 171  
 agaagactct tcccctgccca agaaaactcg tagatgccag agacaggagt cgaaaaagat 60  
 gcctgtggct ggaggaaaag ctaataagga caggacagaa gacaagcaag atgaatctgt 120  
 gaaggccttg ctgttaaagg gcaaaagctcc tgtggacca gagtgacag ccaagggtgg 180  
 gaaggctcat gtgtattgtg aaggaaatga tgtctatgat gtcagtctaa atcagaccaa 240  
 tctccagttc aacaacaaca agtactatct gattcagcta ttagaagatg atgccagag 300

<210> 172  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 172  
 gatggccaaa aatatagaaa aggatacctt gcatgtcctg tgaaatgcaa aggaattcta 60  
 aagtgtcatt atgagttacc tcatggaaga aagcaaaagg tgaatctatc tagagtttgt 120  
 ggttctgact cacaagagac tgatgttcat gctgaaggac gagggtgaca ggtggaagga 180  
 tagagcaccg agaccacact ctaaagggtg ggaatctatg ggaactattc agggagatga 240  
 aagcatggaa tgaactgaag cttgcagact cgttgagtan naagcgcggt tta 293

<210> 173  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<400> 173  
 aataccctct tcccttgcaa tggcataggg acatctagaa tatagagaag acagagacaa 60  
 tggaggaaga gtaagaaac tgactatatg ccttcttcat ttcactgcaa ggaaggccaa 120  
 gcagattttt gaatgaggtg tgagattgct gttaaattgg actggcctgg acattttaat 180  
 cccttaaata gaggtgcaat gattaaagtg agatttgtca ctaaaattta tggatatctgc 240

ccaagattca ggagtgatgt tgggaggaga t 271

<210> 174  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 174  
 cctaagcagg catctgcagc atcctatttc cagaaaagaa attctcaaac taataaaact 60  
 gaggaagtga aagaagaaaa tcttaaaaat gtattatctg aaaccccagc tatatgtcct 120  
 cctcaaaaaca ctgaaaacca aaggccaaaag accgggttcc agatgtggtt agaagaaaat 180  
 agaagtaata ttttgtctga caatcctgac ttttcagatg aagcagacat aataaaagaa 240  
 ggaatgattc gatttagagt attgtcaact gaagaaagaa aggtgtgggc taacaaagcc 300

<210> 175  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 175  
 aagagacagc ctctctcttc tgtctcagaa gctctgtgtt tgggaaactt tgagcccagt 60  
 gagtagcagg gtctgcagtg tgagtaccag gtttccctgg caatccaggt ctctctctgag 120  
 gaagcattct gacttccac tgaccacgga aggcattgtca gcttcatgcc tcgggctaga 180  
 gttctgataa tcggggctga ggggtgaaaa agaaaatcca gtcaggacag acagtgggga 240  
 gacagggtccc tgccctttat ttgcgggac aatcaggagac tcccagaaag gaaggagaat 300

<210> 176  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 176  
 atctgttcag ttctggcttg aaaatgtgtg tgccatactg tgaccacagg gcagcccctc 60  
 ctctcttact gtgtcagggtg gaccagggtc acctctgttc tgcgagcctt tgagattcta 120  
 ggattctacg gccggcacga atggcatggg aggggttctt gcacgggacg gcataacggc 180  
 atgccatcct tcagggtggc aggagcctgc gcagggtgtg caaaatcttg aaacagcctg 240  
 tgtctgcct ggcttttcac tttcctattt aatataagaa agcacttttt tttctgcttt 300

<210> 177  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (268)  
 <223> n = A,T,C or G

<400> 177  
 caaagtgtga ctttgctagc agtttactca acaatgggca tgtcatctag agttcccaag 60  
 atttttacca tcctgcaaca gcagtcatac gagaatatgc ctcaatcaaa atcaggctaa 120  
 aaatttgttt caattctgctg tgtgagctgg gaccttangn ctttctgntc tctatttntn 180  
 ttttctntn nnntctntn cattncgtna ntnnnnnnnn nnnantnntc nnnccnntnt 240  
 tctnnaatnt ttctnntnat ntaatta 268

<210> 178

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 178  
 agcaaatggt gctggagtgc ggtggctctt aagagtctcc acagtttgct agtttgaatc 60  
 agggactgga tttgttgtaa ttttttgag tatttatggt tgtgactcaa tataccttc 120  
 cttattggat acattgaagt ctaactgaga atcgatatct gttccttgga cttgagtgtg 180  
 aaggaaagag aagctttaat tactactaca acatgacctc aaagtgtttc aagtactcaa 240  
 tgttggtgtt tctttttaat ggggctgttt gtgaagatga ggcattagga tgttgatgatt 300

<210> 179  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 179  
 caacaaaagt cgtgagtgat cagtgaagc tctgctgtga aggtgacatt tgataactgg 60  
 ggaagactgt tcaggtaatg ggggcacatg tgtgtgcaga ggcctgaaga aggtgctggt 120  
 gtggcaagaa tagccaagag actcatcact ggacccgatg gggagaggag taaaagaaaa 180  
 ggtccaagaa ttggaagaga tggcgggcag gtcattgtagg gccttacaaa naatttgact 240  
 ttggctgaga gggagccgt taaaagggtg 270

<210> 180  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 180  
 atcagatggg gttgttttta ttggtatcca gttatgtttg cttgtctttc cagatgggcc 60  
 cagttattag ccatacatag tacattgata cacctccacc agcgggtgag gaaatgatgg 120  
 aaaaaggagt aagaagtggc cattcgtttt aatcattcct cctggatttg tctcagttcc 180  
 ccaactgcca agtaggatgt gtccatgtat aaatgtgtgg ggcattgacta aagtaccacg 240  
 tagctgttct ttatatttat ttacctagaa agatctggca aagaactcaa agaaaattgt 300

<210> 181  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 181  
 gttggettcc cgggagagg agtatgagga ttaaaaatat tcagaaacaa acaaaagaac 60  
 acaaaaatgc aaacacatgg tagggaatta ctactgttta ttctcaacag taccacagaa 120  
 ccagtgtttg agtgctggca ccatatgcaa catggggcat cgggctgga gtgatccagc 180  
 ttttagatt cattgtatga ntcatgntaa ggnnnaggag tcttnnnnta nncnannang 240  
 nnnncnnttn ttnnnttacc 260

<210> 182  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 182  
 ccttggtgca tgggcctgga gccctggggg gaactgtggg aactctgagc cgtctggccc 60  
 tgagggctca gcctcagcct ccacatctgc ctgttgcggt cctggctgtg gggctctcagg 120  
 ataaggacat agccccctgg aagctgggaa ggccccacat caggccttgc agtttctaac 180  
 ccaggagggt gccgacaagca gtgcgttggg gctgcctgtc cctgcacacg aggccctggg 240  
 ggggtgaatgg aggctctccc tgtttttgtt agcattggag gcctgagcag ggctaacgcc 300

<210> 183  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 183  
 agaaggactt cctaattccat gaaaaccatg taaagtttga tcatatcatt agctattggt 60  
 cagacctatt ttgtgtttg agaaaaacag acacatgggg aaaatggtga ggtgaggtag 120  
 tgtgttgagg agctgggaagt gagcagctct taatttttct ctcctgagac tgagttcggg 180  
 agaagagtag accatggcat ggaggtggga gagacaagga cagagttggg gaggtcactg 240  
 cctcacactt ctgctcacac cgctgggtct ggtggaaact caaagtttgt atctaaaaat 300

<210> 184  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (265)  
 <223> n = A,T,C or G

<400> 184  
 gtcctccctc gtgggcctcc caaagtgtg ggattacagg cgtgggctcc cgtgaccagc 60  
 ctggaacgtg ctgatgagcc tctttttctc ctgaaacccc ggtgggaaca gatggtggat 120  
 gctttcaaaa cgcattgaan ntgnacttna agacntgcgg antgntntnn gangantttt 180  
 tgagattttt tttaanatan ntntttttan nttnnnnnn ccnttggaan cagatngngt 240  
 ttntntnaaa ntnnattnaa tctgt 265

<210> 185  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 185  
 aaagaatgaa atgtccaaac ccttactgac aaattatacc tgacagcaga atacaccac 60  
 atctactaag aggcttccat ggtttttact gctatcactt tgattactcc aataatgaaa 120  
 ctattgaatc tgtttcttag aagccaaggt aagaaagcag agaatagtct gccattgaac 180  
 tgatagcatc tgttttataa ttatctggtg acttttctag agaagatgta taaaggctgt 240  
 gttgtttcat gtacaccaca cttgaatgat tgcttcttga gttggattgt actccagtta 300

<210> 186  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 186

cttttgtaag	atcttggtcc	ctcagcttga	ggaacaactt	catcttcaac	tttttatttc	60
tccctgatgt	tacagtttgg	tagatttcaa	actggaatag	ctagcatgtg	cttgctaaat	120
aattttatgc	cagccttatt	ctgtatccta	gctgttctta	acagcaggta	caaaaatgcc	180
tgtttttcag	caaggttgaa	attggaatg	tccttttgaa	tcagaagaag	ataggccata	240
gactcatctc	ccagcacaaa	ggggcattct	atgaaatggg	actggcccta	ggaggatttc	300

&lt;210&gt; 187

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 187

gcagactcca	ggttaaaagc	gcttaatgca	acattcagag	tgaaaaaccc	agacaagaga	60
tttactgacc	ttaagcacta	tagtgatgaa	ctgcagtctg	tcattctcaca	tcttcttcga	120
gtcagagcta	gagtagcaga	tcgactctat	gggtgatata	aagtacatgg	gaattatggg	180
cgagttttca	gtgaatggag	tgccatagaa	aaagaaatgg	gtgatggact	gcagagtgtc	240
ggcatcatata	tggatgtgta	tgcattctct	attgatgata	ttttggaaga	tgaagaacat	300

&lt;210&gt; 188

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 188

gtcctccaag	acctgattca	gcctttcaca	cggtggtgcc	actggtccca	gggtgcgcgc	60
gccccatctc	ctcagggcag	tgggtgggga	agactcacca	ctacccttaa	aatgggaaga	120
gaccaggggt	ccaaagtgc	ccccagtggt	ggcttcacac	gccagggagt	acatgagatg	180
atttctgtgg	tcctgatac	acagctttca	ttttgagaga	cacaattatt	tgagtatcta	240
gtaattcaag	cctgggattc	aaagatatca	tttaagatga	aactgaatat	ttctcttctg	300

&lt;210&gt; 189

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 189

cctgaactca	ttaccttcaa	gtatggaaat	agcagtgtct	caggaataga	aatcttggca	60
atcgaaaggt	atttgattcc	aaatgcaggg	gatgcaacta	aagccataaa	acagcagatc	120
atgaaagttt	tggatgcttt	ggaaagttaa	tataaaagaa	aattatataa	aaagaaatta	180
agacaaccaa	gagaaacatg	gacatatacc	tcctgactga	atactaactg	gagacctttc	240
atttgctcat	ggggctgctt	aaatagcagg	tctaagaaag	tgtaaattat	tataatcaat	300

&lt;210&gt; 190

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 190

gtggagatga	cccctgagaa	gttcagtgtc	ttaatggaga	agctctgtaa	aaaggggctg	60
gcagccacca	cctccatggc	ctatgccaa	ctcatgtctga	cagtgtgtac	caagtatcag	120
gctaaccatca	ctgagaccca	gaggctgggc	ctggctatgg	ccctagaacc	taacaccacc	180
ttcctgagga	agtccctgaa	ggccgccttg	aaacatttgg	gccccctgacc	atccaccaag	240
ggaccaccct	cttggtgtct	catcaccagc	ttcctgaagg	gcatttcttt	cttcaccacc	300

<210> 191  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (266)  
 <223> n = A,T,C or G

<400> 191  
 gacaagcgct ggagccgcag ccctcagact ggcacgggaa cgccagcggt ggggtgttcag 60  
 attccacgcg tatgtctggg ctcactcaca gcatggccga gtgtctgcag tgctggctct 120  
 gacccttcca gagcagcagt ggacagatga gataagactg tttcagaaac naanatggnc 180  
 acagccttcc taacangcag gtcactctggc catgtctgta tngtnacttg ttaaaangct 240  
 tcngtnatat tgattgatna natatt 266

<210> 192  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 192  
 tcctggatca gtttctttgt catgtagcca agactggaga aacaatgatt cagtgggtccc 60  
 aatttaagg ctattttatt ttcaaactgg agaaagtgat ggatgatttc agaacttcag 120  
 ctctgagcc aagaggtcct cccaacccta atgtcgaata tattcccttt gatgaaatga 180  
 aggaaagaat actgaaaatt gtcactggat ttaatggat cccttttact attcagcgac 240  
 tatgtgaatt gttaacagat ccaaggagaa actatacagg aacagacaaa tttctcagag 300

<210> 193  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (281)  
 <223> n = A,T,C or G

<400> 193  
 cacactataa atggaagaaa aaaattaata gcttctgttt aatctgatga atgtggcttc 60  
 ttttgcttc actatattgc cctgtgaagc tgctctttgg tggntatttt atngnactgn 120  
 ctgntnttat tttgcttatt gcctttnttn nnnttgnctt tatcncattt tntngtnttt 180  
 ttnttcnntt gnttacnntt tnnnannntt cntnngtttn atttnnnngn ntcttntntt 240  
 aanncnngg antnnttttt tctnnngnng annntttctt t 281

<210> 194  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 194  
 tgattgatga gggctgtcgg ccaggaactg atcgaggctt gttaattgca tttgtcaaatt 60  
 gcagggaat tgggaattag tgaaatcgga gaaggggggt tggaaaacaa atgactcgtg 120  
 cctaaggaaa tttttgcag gaaagtatct caggagccc tgcagtcagg gagctgctgg 180  
 tgtggactca gactacatgg ttgaaatagg caggagctgg gcggggcaca gtggctcagg 240



cttghtaatcc cagcaccagc acttttgggag acggaggcag gcagatcact tgatgccagg 300

<210> 195  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 195  
 gttaacagtg atgatgacag cgtgctgctg gtacactgta tctcaggctg ggatcggacc 60  
 cccctcttca tctccctcct gcgcctttcc ttgtgggctg atgggctcat tcnacagtnc 120  
 ctgannccca ntgagatcct ntacctcncgt gtggncatag acgggttcct cttctgcacn 180  
 tgnnggttnt tctnactntt attttntntn ttagtnnttt nctantttnt gnntattntt 240  
 nntatntntt ataatcnntn nntnnnttcc tattattt 278

<210> 196  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 196  
 agagccctct gtttgcagct catggaggaa gcagcaggga aaacctggcg ctgcaaaatg 60  
 tgcaggctcg aatacggatg gtcctcgccct atctgtttgc tcagttgagc ctctgggtctc 120  
 ggggtgtcca cgggtgggctc ctcgtgctgg gatccgcca cgtggatgag agtctcctgg 180  
 gctacctgac caagtaacgac tgctccagtg cggacatcaa ccccataggc gggatcagca 240  
 agacggacct cagggccttc gtccagttct gcatccagcg cttccagctt cctgcctctc 300

<210> 197  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 197  
 cttgggcaag ctctttatcc taagattcct cagtgcgcct tatagagttg ctgcgagaat 60  
 tacatttggt catgatgtca agtgtctggt atgtagctaa tgcttattga acacatagta 120  
 atttattgaa taattgtcat gatcactgga tgagatatag ccactgtgga ggtaggcaca 180  
 ccagggtttt agaggcttgg gatcttgcaa caggattttc ctcttgccct tccaaactgc 240  
 cctttgccca gatggcttca gcattctttt gcattccctgt ttccttggtt ggtgaacacc 300

<210> 198  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 198  
 ccactaacag aactgaagaa aattctaaac gaaatggcaa aaagaaaatt catttttttg 60  
 ctctctgctc tgaagaaccc ttgttataac gtgtttatag catctttggt agatggagag 120

```

agatctttta tgacaaagag tgtgatacaa tttttttaat gcatataggg cattgttctt      180
cctagagcat attacataa attatctcat ttggaaaaca caacaacctt atacttgtgt      240
ctgcattcgc ttgggcattt taaaggctcg aagaanttga ancttttcaa gagt          294

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<210> 199
<211> 263
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(263)
<223> n = A,T,C or G

```

```

<400> 199
agttccctca cttctctgca cacctattcc cagattccat ccagagcaaa gctgatgttt      60
atcgtctcat tgtacttagg ctttcgtact ttaaaaaatt atgacttttt aaaaataagc     120
cttcagcaga cagaagtga gaaatttagc ctgggttgcc tcagcaacaa agtctgcggt      180
tcctaagagc cacatgttgg ggaagcgggg tgnntnnnan ntgttgnga ngngnnnnnn      240
nnnnngnnnn nggnnnnnng nnt

```

```

<210> 200
<211> 276
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

```

```

<400> 200
cctctccttc catgtcacia actaaccac atcaccattt tgcaaacatg catccttggt      60
ctcaagttgg cctaacaagg aaattgaaca gatccattga aaagataatt gaaagcacat     120
atcctcttgg atcagaagga catttagcat ggtacctctg catcattcat gtgttcattc     180
attcatttca cagatccttc aagaatacct tctatggcct agacactgtt gcatgtgaag     240
nccacngana accactattn caancgggac ccttt

```

```

<210> 201
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 201
ggggagtaac agaagcctgg atacaattac tctatcagga gatgaaaggg actttgggag      60
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gtgcagagat ttaagttggc cctctagtta tggagacact cctactgttt ctataaaagg     180
aatacttaca ttgccaaaac cagtgcattt caaatcttca gccaaaggag gttccaacgc     240
tattgaattt atggaaacgt ttgtatttgc tattaaactt caaaatctac aaactgtaag     300

```

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<210> 202
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 202

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atgtgcctgt aatcccagct actcgggagg ctgaggcagg agaatcgctt gaacctggga	60
ggcagaggtt gcagtgcgt gagccatgc cactgtactc cagcctgggc aatagagcga	120
gattctgtct cccaaaaaaa caaaaaacaa caacaaaact tgctaccacc cagggatttt	180
ctgctattta aaaggatgaat ttcttttctg gtactaaact gtagctgctt aacttagtaa	240
aggctgtgtt tggccaggcc tgtgccagag gtcacactgg agtgctccac ccactggcag	300

&lt;210&gt; 203

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 203

aagaactcca tgttccactt agaggcttca gagtgcagtg ccaggggtgc cttcccaaaa	60
gtcctccctg cctgggtgga gcgtagacag ctcagcacc caggggggc gttggagcca	120
gccttggttt tggtgggtaa ggatgttaga agaggggcga agaccatag ccactggtgt	180
gaagggctct ctcttgaccg aaggctgcct ccctctgggt gcagaccagg caggtggtcc	240
cagtcacggt gccctggggc cactgggtct gtctgccctc aggtccact agacacacct	300

&lt;210&gt; 204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 204

ttttgcacaa gacaggttgc tgaggggtcg gcaagcatct gacttgccca atcccctgga	60
tatggtgagc cccgccatgc ttttattctg tatcgctttt gtctttattg ctgctttcaa	120
catttacgtt tggttacagt taactatttt cggagtgtgg tgattgaaga caatttcac	180
atcccactgt actttttttt tgagagggag ttctactctt gttgccagg ctggagtga	240
atggcacgat cttggtcac tgcaacctct gcctcctggg ttcaagcaat tctcctgcct	300

&lt;210&gt; 205

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 205

gccatttctt ctggccttta caaaaaggca ttttgttata ctacagtga aacctcattt	60
ttttcactcc aaaaggtagc agccctctt cttcccaccc tggacctgcc tttcactccc	120
tgggcacaga gcgcatggt ccattgatgt ttggtttatt ccaggatcca aggagtgggt	180
tctgctggtt ggaccaaacc tcgtgagcca gccaccctg acccaaatga ggagagctct	240
gattctccca tccgggagca gtgatgtcaa acttctgctg ctggggaaat ctcacagca	300

&lt;210&gt; 206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 206

ctgacttcaa ctgcaatggt cctgtcaaca cacagggtt ctacaggggc tcccctgggt	60
gcgtcatgga tgctgttctg cgccacggct gtgaggcagc cttcgtgagc ctgctggtag	120
aatttgagc caacctgaat ctagtgaagt gggaaatcgct gggcccagag tcgagaggaa	180
gaagaaaagt ggaccctgag gccttgacag tcttttaaaga ggccagaagt gttcccagaa	240
ccttgctgtg tctgtgccgt gtggctgtga gaagagctct tggcaaacac cggcttcac	300

&lt;210&gt; 207

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 207

ctcaaagaaa	tccaagacag	acaactcttc	tcttagttca	ccactaaatc	ctaagttatg	60
gtgtcacgta	cacttgaaga	agtcattgag	tggtcgcga	ctcaaagtga	agaactcaaa	120
gaattccaaa	tctcctgaag	aacatctaga	agaaatgatg	aagatgatgt	cgcccaataa	180
gctgcacact	aactttcaca	ttcctaaaaa	aggccacct	gccaagaaac	cagggaaagca	240
cagtgcacaag	cctttgaagg	caaagggcag	aagcaaaggc	atcctgaatg	gacagaaatc	300

&lt;210&gt; 208

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 208

gtaaggcctg	ccttttacac	accagttgtg	tgtttgtag	tggtgctgg	atgccagtc	60
acacctcaa	acacctcaca	gtcccaaagc	gggtgctcct	acagggtcca	gggtcctgtt	120
agtgaagaa	aggcagttcc	aggaagtctt	cctctagcct	tcatgacagg	aagtagttaa	180
tcctctggga	aatagacttg	cagccctggg	aagaaaagag	ttgttctcc	ttggggacat	240
acaccatcat	ctgggctatt	tcatccagtg	tctcttcttt	atacaggagc	tcctggctca	300

&lt;210&gt; 209

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(265)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 209

agtggctgag	tggaggcgcc	cagacctggg	caggcagcag	gctcaggccc	acaccttggtg	60
atttttgaaa	ccaaagccca	gaagatgatg	tttacttctc	tctccctggc	tctgcccttc	120
ttactgcaaa	ccatgctgtg	ccttagggcc	cttctcatag	ctgttctca	tggccatgac	180
tggaacaggg	atgcaacctc	tttctacaca	agcacagtta	gttgggtgaa	gtcttttttt	240
tgnttgnntt	anacggagtn	anact				265

&lt;210&gt; 210

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 210

ccgggactga	caccactggc	caggaagtgg	ctgaagctca	gctggatgag	gatggggatt	60
tggacgtggt	gagaagacca	cgagccgcct	ctgattccaa	cccagcaggg	cctctgagag	120
acaaggtaca	tcccatgatt	ctagcacagg	aagaagacga	cgtcctggga	gaggaagcac	180
aaggcagccc	gcacgatatc	atcagaatag	agcacaccat	ggccacgccc	ctggaggatg	240
ttggcaagca	ggtgtggcgg	ggcgccctgc	tcctggcaga	ctacatcctg	ttccgacagg	300

&lt;210&gt; 211

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (294)  
 <223> n = A,T,C or G

<400> 211  
 ccaggatgga ggtccggggcc tgccccaagg gtcccaccac agccagcggg ctggcctccc 60  
 accccagcat ccatacacgt aggcctgttg ctgagggag gccctctagg gtcctctggt 120  
 ccaggggttc tttgcttcag ctgcacatcg gctgcctctc caggaagcgt gttcaacaca 180  
 tggaatcagg gctccacca gacctgccga ggccacactc ctggagtatc tgcattcaaa 240  
 gatctgcacg tttgtaaagc taagggtgn tnnttgant aagcttnagg tttg 294

<210> 212  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (299)  
 <223> n = A,T,C or G

<400> 212  
 gcaagaccag catctggaca gtgggggctc ttgagagtcc ccggcgcccc ccacaccagg 60  
 ttgtcctata accctctccc ctctgtggag acgttaatgc caaggggtgt gtgnnnaggn 120  
 aagtcctnnt ntgcancaa gattgacaga tanttctagt naactccngg gnntccattc 180  
 ttattttatt ccaatatnaa nanaatncag gtntgtcan attattaagg tgtgcttacc 240  
 tatattttta anaatctntt acanngtttt cttgcattcn gtnccattca tgtcttaca 299

<210> 213  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (255)  
 <223> n = A,T,C or G

<400> 213  
 aatatcccca aataacatgt cttacatgtt tggttaagact tactgtaccc tgtcctagaa 60  
 gatagaagat gccctgccct tagaagacaa agagactgta gagctatgcc ttctaaatct 120  
 taagccactc ttcagataat ggatcccttc atggtcagcc caaacatctc aagaactttt 180  
 aatttgtagc gtttgtcttt ttttccatct atttaatacc ncantnttna ctttattatt 240  
 atgaanccna tatct 255

<210> 214  
 <211> 138  
 <212> DNA  
 <213> Homo sapiens

<400> 214  
 tgcttgagag ggctgccctc tgcagagcgc tctctgtgtg ccagagagcc agagacccaa 60  
 gacagggccc gggctctgga cctgggtgcc cccctgccag gcgaggctga ctccgcgtga 120  
 gatggttggt taaggcgg 138

<210> 215  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 215  
 agccgagctg ggccgtcctg gggatcggtg cagctccctg ggggtggtgac aggccctttg 60  
 tgaaagtgtg gtgcttggtc ttccacccca gcccagaca ctgcttcaaa tagcaccaac 120  
 cagatgggag tccacatctg tgggtggcaa atgctgacat tttcccaaga ggtacacaag 180  
 gtgggagagg cctgctgtag cagaggtgtg tgtagagaa agcaggggccc tgatttagta 240  
 gcagagaact ggggtgagaaa aatggccaga gaaagtgacc tgccagctac cagtgtttcc 300

<210> 216  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 216  
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 ttttgccatt tgtatttcag gagatgcaag cagcattgta tctgcaattt gctacacagt 120  
 ccctaagtca gctatgggaa gtagecctcta tgctctagaa tcaggctctg attttaaatc 180  
 tagagggatg tctgccgcga gtcgtgtgat attcgggcct ggtgtgacca tgtccacctg 240  
 tgatgtcatg cttattgatg acagcgagta tgaagaggaa gaagagtttg agattgcctt 300

<210> 217  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 217  
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 ccttttagagg aagaaaattt caattttcag attcaaagga agcacccttc ctagtctata 120  
 tatatagtaa gcggagaact agttttacag tgctcatttc aggtcttcag taagtgtgta 180  
 tgatgatgtc agaagtattc attggctcac ttcaaatca ctgaaaattc agccatgcta 240  
 aggttggtcta ttacgtgtat tagcgtttcc aagcgagtgg tcttggtctg ggtgagattg 300

<210> 218  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 218  
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 aaagttagcg caccatatgc ctttgtttta ctgtctctat gagaatcggg aagaagaatt 120  
 tgtgaagacg attgtggatg ctctcatgga gggttacagt taccttcaat cagacaagga 180  
 tatgatggtc tcattatact gtctggatta ctgctgtcac ctgaggacac ttaagttgag 240  
 tgttcagcgc atctttcaaa acaaagagcc acttataagg ccaactgcta ggttgctcta 300

<210> 219  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (296)

<223> n = A,T,C or G

<400> 219

ctgcaaagaa aggaagattt ttctttttac aactagatat tagttttaga ggaaggaaat	60
agctgaaaaa ctaaaattgc tttggtgaaa tgctctgtnc ngancagtnc cttggcatac	120
nacanctnca atnggggagn tnttatcat nctctgacgc tntantnnta ngngactct	180
nnatttntctg nncntnttan ggttnnccnn tngtctgttn tcttnagtan aattangcnt	240
ccttnnanng ttggtgtctn ntntgcata tcnntttang cttttntna tattta	296

<210> 220

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 220

atttcccttt gccctgccac ttccaccata gggccttctt acctggcaga ggagtgcctt	60
agataccaga agattggcag ggaagaaggg cagccacttc ctggttacca tggagaagct	120
tgctcatgctc caagcctgtg cttacttgtc cagtagcaac aatgggaaac tgtattattt	180
ggggtagggg tagaaccctg agggcataaa gctcagaatt ccangctgca tctggtanaa	240
tcggcttgcc nggggttcan ctgctccctg ggaggccttg gcatactnag gctgctccag	300

<210> 221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 221

gtacattgtc ctgacactgg aaaagacatt tggaatttac tttttgacct ggtctgccat	60
gaattctgcc agtctgatga tccaccatc attcttcaag aacagaaaac agtgctagcc	120
tctgtttttt cagtgttgct tgccatctat gcctcacaga ctgagcaaga gtatctaaag	180
atagaaaaag tagatcttcc tctaattgac agcctcattc gggctctaca aaatatggaa	240
cagtgtcaga aaaaaccaga gaactcggca gagtctaaca cagaggaaac taaaaggact	300

<210> 222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 222

ggagaagcaa ctgacgacag atgctgcccg cattgtgcag atgcagccca gaagcagatc	60
cagagcttga ataaaatgtg ttcaaacctt ctggagaaaa tcagcaaaga ggagcgagaa	120
tcagagagtg gaggtctccg gccgaacaag cagaccttta accctacaga cactaatgcc	180
ttggtggcag ctgttgccct tgggaaagga ctatctaatt ggagaccttc aggcagcagt	240
ggtcctggcc aggcaggcca gccaggagct gggacgatcc ttgcaggaaac ctcaggatta	300

<210> 223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 223

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ctcaatctct tgacctcatg atccaccgcg cttggcctcc caaagtgtg ggattacagg      60
catgagccac tgtgcccagc cctcccttc cttgtttttg taaaataaag tcagagaaac      120
ttttccagct atagtcaact aatacacatt gatttgaagg agtagaaact gaggagttta      180
cataaaataa cttctctgtg aagtattagt gagatgatca ggcctggggg gggagcttga      240
agagaggagt ggataaagca gtcaagggtca aacaggagtg agacagtgag caggactgaa      300

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&lt;210&gt; 224

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 224

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accacgtcat atacagccta caaagagctc ttgactgtga gctcgcagag gccagttgc      60
ataccactgc cattgacaaa gagggctcgtc gggctgttaa agcgggagct tatgctgctt      120
gccaggaagc aaaggaagat ataaagagtc attcagaaaa tgtctctcaa catccacttc      180
atgtagaagt attacactca gagattatgg ctcattanaa atntgctttg ngccttnmtt      240
nctgnatnaa tnnntttatt ttnt                                           264

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&lt;210&gt; 225

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 225

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gaaacatggg gaaaagtctg taaactcctg gttgatgcaa ttcataatca actaactgac      60
atggaaaaat gtatttttgaa atatatgaaa ggaacatcta ttgtgggtccc tgaaccactg      120
cactttttat taccagggaa aaaaaatctt gtaacaattt catatccttc aggaatacca      180
gatggccagc tgcaggccta taggaaggag ttacatgata ttttcaatct gcctcacgac      240
agaccctatt tcaaaaaggtc taatgcttat cactttccag atgagccata caaagatggt      300

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&lt;210&gt; 226

&lt;211&gt; 283

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (283)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 226

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cagcatcttt caggtcatcc ggagctgcaa tcgaagtctg gagacagacg aggaggacag      60
ccccagttaa ggaaacagct ccaggaaaag ctccttgaag gataaaagcc gatggcagtt      120
tataattgga gatttgttgg attcagacaa tgacatcttt gagcaatcca aagaatacga      180
ctctcatggt tcagaggact cacagaaggc cttcgaccat ggnacggagc tcatcccttg      240
gtcgtgctgt ncatccaanc cgatgtgccc anttctntgt tta                                           283

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&lt;210&gt; 227

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



&lt;400&gt; 227

gggaatatcc tcaaccttaa atccttatct gccgttactc agggatatac taggattatg	60
tcatcaatta tcttcaataa tagcattttt ggtcaaatta aatgagtggg aagcttcttc	120
acaatgtgac cattgaaatt gaatggtttg ttctgtacct ttttgcttca gcaatcaatt	180
ttctccatta agatgggact tgtactttaa ttcagatatg gtacctcccg aatagaaaat	240
aaattatggt aatatagttg taataataag tgtgtgttaa gatttggtta ctataaacta	300

&lt;210&gt; 228

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 228

gctgggtgca tgtgctacca cacccaatta tgaatttcat cattagtctt ttagtagagt	60
ccacatgtcc tcagtagtaa gttcatcagt gctaaatatt tgaaggtatt tctactgttt	120
tgtaaaagta acttaagcct acctgggtctg ctatcttttg agtatttata ctttctacgg	180
gcttgtaggt aaacataaaa agagaaaaaa tatcccaata atacagtctt taacctttta	240
tgataaagac atgcttagaa tgctgttaag cttcttgaga ttttaaccact gaaactaagt	300

&lt;210&gt; 229

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 229

tgagctggga gaaggggaga aagtttgtga agaggagatc ggtgacctgg gctccttatg	60
tgacctgaaag agtttgagtt tcctgttaac tccaaatcaa cagtattttc aacaagaaat	120
gtgcaattga aatcaagtgc tgtttaagtg cagctaggat ttccacagga agacacttgc	180
agtgaacaga gttatggagc agcaaaaaca cagatctatt tggaaaaaga gaaaacatat	240
gcgttgatatt ttgcttcaat tataaaaatac catcctctca aagggtggttc taaattacaa	300

&lt;210&gt; 230

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 230

tccttttagg taacacaaaag ttccaagtat gttacctagt ttacagagtg gtactcaaga	60
agagaattaa cattcttact gtaaaacttc attgataaca atagtctact tctagaaaca	120
gaaataagaa ttaaaaacag tgctatctat ttgtactggg gagtgaattt taacttttaa	180
gaaaatttta atgtttaaga agaacttcag tgtatggagt tacaagctat cctgaatatt	240
tttataatag aaagtattag ttttccaggt tgggcagctt ctttaataaaa gaaattattc	300

&lt;210&gt; 231

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 231

gaactaatga aaagtgggtg tctctaacct tggtagctt tcagagcatc aggggttaaat	60
tacctcaact tttggcagg atactctaaa gctattaagt atataatatg ggctcggcat	120
ggtyggctcac acctgtgagc cacctagcac tttggcagtc caaggcggac agatcacttc	180
aggtcaggag tttgagacca gcctgtccga cgtggtgaaa ccccatctct actaaaaata	240
caaaaaccga gcgtgggtggg tggcatgcac ctgtgggtccc agctacttgg gaggtgagg	300

&lt;210&gt; 232

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 232  
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 cctgggttgc agctgggtgat ggtcaagaac tgactacaaa acaggaatgg atagactcta 120  
 tttccttcca tatctgttcc tctgttcctt tccccacttt ctgggtgggt ttttgggtcc 180  
 acccagccag gatgctgcag gccaagctgg gtgtggtatt tagggcagct taacaggggg 240  
 aacttgtccc catggtcaga ggagaccag ctgtcctgca ccccttgca gatgagtac 300

<210> 233  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 233  
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 atctectatt actacattag gatctttgtt cccttagtgt gtctttagcc tgtgctctca 120  
 caagctttgt ggtgtcgtgt ggatcacagg atcgtttaag ataaagatac ttttagctct 180  
 ttaattctgt tattctatta ttggtacagg gaaccatac attatcttaa tttcagagta 240  
 acacacgtct cggcatggga caggggggtgt cctaataaaa agagggctaa cagggtggaat 300

<210> 234  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 234  
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 tacagttaga gtcaacaatc accacttgaa gaaatctctt caacacaaaag cctgataaaa 120  
 tttacatctg gtaaagtgtc atttaagcta ctgcgaaaca catatactta aaaaaaaaag 180  
 gccttttcat tgtctcaatg tcttgaaggc tggagattgt aaagcacttc cctaaagtgc 240  
 ctatgagcag gatgaggcta tttgccttta tagagctata gaactaataa gcaatcaaag 300

<210> 235  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 235  
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 tagctctgtg aacagcaagg aagtggatga ggaaacagaa attggcagag tccatgattt 120  
 gtccagatta aactgccatg agtgactgta acaaaaattc agaacttatg taactcaaat 180  
 aggtatattt gagaaatagg tcggcacagg tcaagatgtg aaagcccaat aaagctaggc 240  
 agagacttgg taagataaaa aaaaagtgc tcaaaatggt cagtgcagct agtgccctga 300

<210> 236  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 236  
 ggtatcagaa gccaaagccag agctcaggtg ttttgattca cagcccttta taaccattat 60  
 cattttgaat gaaaagtaaa tcaactgttc ttagtgattt gggcatgttt cctgagttaa 120  
 gggatctgtc tgacatccgt ggtaagcctt gtcttaagtg aattgtgggt aaagacttgt 180

```

cccagatgga gtgggaggac atgaaggatg aggaactacc ttcaggacct tccagtccat      240
aggcagaggt gggggaaatt cacagaaaaa caaatgagtt aaagggatac tgcagtagtg      300

```

```

<210> 237
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

```

```

<400> 237
gtacagcagg ccttgatttc aacaataaaa tcccgaacctc ccttgctgcg ctgcactgcc      60
cccgggagct gatgggttgg agactggaaa tcagaaaaca cacaatccag aaacatgggt      120
tatctggaac ctaggatat aagatgccaa gataagtcaa attcacagag acacattgta      180
gaatggtgat tgccaggggc cacagaggag ggcagaaata agttattctt gaatgagtac      240
agagtttcag ggttttttgt ttttgttttt tttttttnt ttaaaca                287

```

```

<210> 238
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 238
cctcgccctc tgcccagggt ggggcctggc cctcatcttg accaaagctg ctgtgtggca      60
gctcgccctc tctacgacct catcttggtg gctgcacact tttcctggcc cgcaccccca      120
tccccagtcg ctgttcccca agaggataca gagcacggtg ctggctgact caactgtgcg      180
tcccaggttc agggctcttac agagctccac cccctggggg cttacctcac tgggaatgtg      240
ttttgaaaat gaatttgag acaagccaac aaaccctgca ctccaaaaaa gcaaaacaga      300

```

```

<210> 239
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 239
gggcatgtac accctgctgg cgcgctgcga ggagctggag cgggctctgc agccggttca      60
ggggctggcg cgccaagtcc gggatatccg acgtactctg gaggtgttgg aggccctgtg      120
caagtgacca ggaggacagg agaggccggt cctggccagg gcaggggcca gcaggaccct      180
aaggactctt cagggagtcc tgggtgggaag tgcccactga ggggagggcct gtgtgttggg      240
ggctcttcca gatgcgttca gctggcccgt gcccactcgc tgggccttag gctgggtgtat      300

```

```

<210> 240
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 240
gggaagtttg tcaatgacaa gagcaggaag agcgagaagg tgaaggtgat tgacgtgact      60
gtgcccctgc agtgccctgg gaaggactcg aagctcatcc tcacggaggc ctccaaggct      120
gggctgcctg gcttttatga cccgtgtgtg ggggaagaga agaacctgaa agtgctctat      180
cagttccggg gcgtcctgca tcaggtgatg gtgctggaca gtgaggccct ccggatacca      240
aagcagtccc acaggatcga tacagatgga taaactgcc aagaaccagat ttttaaaagg      300

```

<210> 241  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 241  
 caggagcatg ttgcgtcgtc actagctgaa tgagaacctt cgggtccaag tttcagcttg 60  
 tgggtgttaa cacctacagg cacatcgatc cgattagaaa aagcagtggt tgcaaacctt 120  
 ttcctggacg gcttcctttc cttgcctata ttgataacctt ttcttctcgg agatgtcgtc 180  
 ccagtaaac tgcttctgac tagctgcttc tgaaatgttc tggggcctcg aaccggccgg 240  
 tctggccacc tcaatccaga ctggctgcac ccgtgctcc cgcgaggcct ggattcatgc 300

<210> 242  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (277)  
 <223> n = A,T,C or G

<400> 242  
 ggcagatgtc acaacagaaat aaccacttgt ttggagcctg gcacagtcct ccagcctgat 60  
 caaaaattat tctgcatagt tttcagtgtg ctttctggga gctatgtact tcttcaattt 120  
 ggaaactttt ctctctcatt tatagtgaaa atacttgga gttactttaa gaaaaccagt 180  
 gaggcctttt tccctctagc tttaaaaggg ccgnttttgc tggnttgctc aagggtacna 240  
 atnggncttt aatngnatat taccgnanan tgcctta 277

<210> 243  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (291)  
 <223> n = A,T,C or G

<400> 243  
 atgaagtcag ggcaggccgg tgcccttttt gggaggcacc aggcggggag gagttggcgg 60  
 agcaggctctg gctgtgagcc agcaccaggc aaccggccc ttgtccagg accctctgctg 120  
 ccttctctct ggggtcagga acctcagagg aggtggctct ggctactgca taggacgcan 180  
 tnaactngnan ntgccgtntt ncctgtctna ttttctgtan ntntntnenn ccttntttt 240  
 ntcttttct tntntnngan tntntntttn ntntntntnt anttttatc t 291

<210> 244  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 244  
 ctcaagctctc accagctgtc agatgctgcc acaggggcag aacctccaag atgtgctccc 60  
 caggagcatc tactgccgcc tcaagcgcca cctggagtat gtcaagctca tgatgcctt 120  
 gtggatgacc ccagaccagc ggggcaagg gctctacgca gactacctct tcaatgctat 180  
 tgccggaaac tgggagcgca agaggcctgt ctgggtgatg ctcattggtca actccctgac 240

tgaagtggac attaagtccc gtggagtgcc tgtcttagac ctgttccttg cccaggaggc 300

<210> 245  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 245  
 gttgatgaga agtctaaagc agtaatagta gaattacatt tcttctgggt ttaatagtaa 60  
 ttgttgctctg ctgccttctt gcagtttacc ctacccatag tgtgtaatgc cattaaaacg 120  
 aagtatagaa agatccattg gcctggagaa aggttagagg tgtaggagtg tatgacattt 180  
 agttcattgt tcttactggg ttcagcacat tgcaccctgc gtgtcatttg caacttaaaa 240  
 gggatatagat taaaacttgt gctcagtgta acaactcagt accacaaaaa tggtagaatg 300

<210> 246  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 246  
 gttacatcaa gagataaata gagtgaagca gaactagtgg tgcggaccag ctcgccagca 60  
 acagaaggggt ttgtagtctg cctggcagtg gacaggaggg ttggctagaa ctattacctt 120  
 aggtccgtga taatatccct gaatccaact ttccagaaag aaataggtaa catatttttc 180  
 accaggaagc ttaccaccaga cactgaacag aatgggtctca gtgcactaat ggaggctcag 240  
 ttaaagggtt gtggatcnca tggaanagan nttctgantt ggatatttgg 290

<210> 247  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 247  
 tggagaggcc ttggcaaaat ggctcatcac gttcaggccc tccgggctga gttgtcagca 60  
 gtatcaaggg aggggcctgc tctatcccca gaaggatcag gatcatatcc aggatgcccc 120  
 acatacacca agccaggcag agggcagctc agtcctgtc ccatctgctt tggatatctt 180  
 tacccaaagg caggtaaccc gaagagccag cctccactgc ccacagagcc agggccagtt 240  
 gtgttggagt ataggtcagg agctgtggaa ggaggcagtc tgtgagggac tcatgcttta 300

<210> 248  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 248  
 tctgggagct gattggagaa gcggccaaga gtgtgaagct ggagaggcct gtccgggggc 60  
 actgagaact ccctctggaa ttcttggggg gtgttgggga gagactgtgg gcctggagat 120  
 aaaacttgct tcctctacca ccacctgta cctagcctg cacctgtcct catctctgca 180  
 aagttcagct tccttcccca ggtctctgtg cactctgtct tggatgctct ggggagctca 240  
 tgggtggagg agtctccacc agagggaggc tcaggggact gggtggggca gggatgaata 300

<210> 249

<211> 287  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(287)  
 <223> n = A,T,C or G

<400> 249  
 cttcagcgta gctctccacc tctacccgga acacaccctc tcacagacgt accaatgtta 60  
 tttttagaat ttcattggatt tagttataca taccttaata gttttataaa attgttgaca 120  
 ttttagggcan attnggtcaa tattatcatt gaatannttg agacgnnnng gtgtnttttt 180  
 tatnttttna nggnttnnng ttatnnnann atttnnggtt ttannnaatn gggggggngt 240  
 nnannngnat attggngtga nnantaatta gggntttttt tgtgtag 287

<210> 250  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 250  
 agtcagcatt atttaacact ccccttaact gtctttgaac tttctctttt aacaaaaatg 60  
 tcaagtcttt acagttgtaa tatcaccatg tttcccatgt ctgttaatac ttctatgaac 120  
 ccctaaagta ttgaaggga ctagnngnng ncnagaggat cacanncnnn tgtntntan 180  
 ngncaanatn tgcnaaaca gttactngnn cttnnggnat gngnnnccn nagtntnnga 240  
 gccnntgcnn tncatgttc 259

<210> 251  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(257)  
 <223> n = A,T,C or G

<400> 251  
 agtgctcggc tgctgccagc tgctcccaat gtgccgatgt ccgtgggcag aatgactttt 60  
 attgagctct tgttcctgac caggcattca atcctcaggt ctccaccaag gaggcaggat 120  
 tcttcccatg gataggggag ggggcctgtn acgngctgca gngacaaacn tangccgntg 180  
 gganttangn ntntttcant cattntangn tgnnataann nccataannn ctngnatnng 240  
 tatnnntna ctnnct 257

<210> 252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 252

caagtgccga	gacccgaccc	tgggcgtggt	gcatcgaggt	agatgcaaag	atgctggcca	60
gagcaagtgt	cgcttgagc	gggctcaagc	cctggagcaa	gccaagaagc	ctcaggaagc	120
tgtgtttgtc	ccagagtgtg	gcgaggatgg	ctcctttacc	caggtgcagt	gccatactta	180
cactgggtac	tgctggtgtg	tcaccccgga	tgggaagccc	atcagtggct	cttctgtgca	240
gaataaaact	cctgtatggt	caggttcagt	caccgacaag	cccttgagcc	agggtaaactc	300

&lt;210&gt; 253

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 253

gctgcagcaa	ctgctgctgc	cattgcaacc	gcagctccgt	tgataaaagg	gcagagtgat	60
ttggaagcaa	aagtcaattc	tgttacagaa	ttacttagta	aattacagga	gactgataaa	120
cacctgcaac	gtgttacaga	gcagcaaaca	agcattcaga	ggaaacaaga	gaaattacat	180
tgtcatgata	acgaaaagca	aatgaatgtg	tttatggagc	agcacataag	gcatcttgaa	240
aagttacaac	aacaacaaat	agatattcag	actcatttta	ttagtgctgc	actcaagact	300

&lt;210&gt; 254

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 254

gggaaaacaa	aaggtaatag	gaggggtgct	gggagaacaa	ataggaagaa	aagggaaaac	60
ccagaaatag	taattgttag	taccctctgt	acttgactgt	tgaaaatgct	ttaaaagtgt	120
gttctgaatt	aggagaaaag	gcgctccctc	aaccaggctg	aaactaccac	cagtgttggt	180
gccagaaacc	tggagcagga	aggagctgct	tctccctccc	gccttccagt	caccaccat	240
taatacctgc	tattggcaag	gcccatctgg	atggcagatg	gcaaagcagc	ctggaaagtg	300

&lt;210&gt; 255

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 255

gtttgagctc	ttgagccagt	gacttccctg	cacgttcagc	tttctccttt	gtgaaatggt	60
aatagaagca	cgctgcactt	gggattcttg	tggattacat	gtgaggggtc	tagaaacact	120
tgatgtgtaa	gccaactatt	atgtattact	gtatatggaa	cacaagggat	gtagccaaaa	180
ctaaatgcaa	gtttgtgcct	cagatgtctt	cctatcagaa	cagagtcaaa	tccagatttt	240
gatgcttaaa	tgtgacagct	tattcagatt	tagaaaaact	tttggtatgg	gccaaagaaa	300

&lt;210&gt; 256

&lt;211&gt; 275

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(275)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 256

agcactgtga	gtgaaaataa	aaccaggagc	agggttagca	tatctggatt	ttagtctgag	60
ctctttgtca	aaaaagtcct	gggcctcagt	ttctttatta	ctgaaggaga	gaatcaactc	120
tgtgattcta	agttataaac	caccgttatt	aaagttctac	tggagccaaa	actccaaatt	180

gtttctgtata ttaaaacttt tcggcagggc atngtngctt acacctgtaa tcccaatact 240  
 ttggnaggct gnggnnnnncn tatkcatgt gccca 275

<210> 257  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 257  
 ctgttcactg gcacacaatc acagtgtctt gatagttttt ctggttttga atttctggaa 60  
 gggaaatcct cttctgagg agacttcact ttccgtcagt aatggggaaa actgtttccc 120  
 tcgggtagc agaggtcatt ttaaaagaga acactcagca gaaatgaaaa tccaaacaac 180  
 tgatttttaa ttcgtgtctc ttgttcagt gatgttggtc ctgattctgc ctatgagacg 240  
 ggaataaaga gagatttcgg gaaaagtgtg aagccaaaca tgggtgctat taaataacca 300

<210> 258  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 258  
 gtttctttcc catctgcctt ttcctgtctt tcagaacatt tctgggggtg tgtttgggct 60  
 cagcactgtg ggaagtgaag catttagcct agccaggagc tgggcattat ctgtcagatt 120  
 accaaatctt gagttatctg tgggtctaca aagaaaagaa ggctgaagga accagacaga 180  
 gggacagtgg cctgggaaca gagccaagat gatcatgtt ttttaacaaa gcctgtagat 240  
 caccgtcaag aaaggaattt ggaggatagg agtatctaca tgtagtgggg gaggtgtggg 300

<210> 259  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 259  
 ctttacatca tctattctac ctccattcac tgggtcaaaga agcgcagagt taagttggcc 60  
 agtgtggcgt ggacacagcc aggcgcagac cctcctgcc gcaagccag cgtgaggtct 120  
 gttggctcag ggggtccagc cctgggtccc cgaagaggta agccaaagac atagtgatac 180  
 ttggttcaat tcgggtccag agagtatcag atgggaaata gatgacttgt tttacctggt 240  
 caaataagac atcactaaaa tctaccatga ctggaaatta cttaatgcaa ccagaggaga 300

<210> 260  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 260  
 gacatttcca atagctcctt tgtgaatttc cagatatggg attttcctgg gcaaatggac 60  
 tttttggacc caacctttga ctatgagatg atcttcaggg gaacaggagc attgatatac 120  
 gtcattgacg cacaggatga ctacatggag gctttaacaa gacttcacat tactgtttct 180  
 aaagcctaca aagttaaccc agacatgaat tttagagttt ttattcacia agttgatggt 240  
 ctgtctgatg atcacaaaat agaaacacag agggacattc atcaaagggc caatgatgac 300

<210> 261  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 261  
 cagggatgtg aggctgctgt tgggggtggg gggaggggaa tgggcaggca agccagtctt 60  
 ctgtcttcct ttgctaactt agggttttga gcaggttggg gtatggtgcc tgacataccc 120  
 acctgccacc ctgggaacct cactgatctc tctttcagcc tacacctgct gatccatgat 180  
 gtgtgtgaat tgagggtgta tgannnnct ncatcaaccc canagatnaa taattcttct 240  
 atcaataatc agntnttacn actnaatgcc attcgnattc ttgntattca caaaagatct 300

<210> 262  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 262  
 gcactcggta aactctggga ctggagccaa gagactgtga gaaatgacct ttctcatcaa 60  
 gtttgtccca agccaggctt aaattgatag atcgtctagg ttttctgatg ctggtaaaga 120  
 gactctgtgc ctcagggaca ggtctgcaaa gatcattaag aaacagatta aaattaggga 180  
 gcaagacaag acaagagaaa gtttctttac gttctcccag acctctcttg gcctataggc 240  
 agatcaaatt tggcctctag atcagcttgg acaaaatgat gtccacggtg tctgagtagg 300

<210> 263  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 263  
 cagaggtgaa gtgatgtgtt caaagtcaca cgtagaacaa gtggtggaac agacccaacc 60  
 agtctgatgg cagagcctgc ctctgaccac tacactgtcc tgccaactaa gcaggtttga 120  
 aagagctctc ttagtaaaaag ccctgcaggc gggagtggag agaagttgtt ggtatcccag 180  
 tgactttttg aaatgcacag gataagggag ggtggatttt ccaagccatg gtaaggcagc 240  
 atgacctgac ccagggtgag ggagaggggt catgatgtaa acctcagagt agctagtcac 300

<210> 264  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 264  
 gacacccaga ggcaggcat cgagcgctc aaacgaaaga accagcccag ggagcacatg 60  
 gggagctggc agtcagtaaa ggagacctt ggtggggact tctccctgaa ctggttcaac 120  
 cccttctcca gaccgtgtca gccagagatc cccagtgaac aagacatggt gcggcagggtg 180  
 acatcgctgt cagacaccga aacaatggag gatccatcag aggagacaaa ggacgaggac 240  
 tctgtggagg tgacagatga atagatgctg ctgtggggag agaagcaaac actaaaaagt 300

<210> 265  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 265  
 ataaaacagg aatttttgag cgggttgacc gaaggtagt gtacaaattt ggaaaaaatg 60  
 cacacgggtg gcaggaagac aagctatgat ctgctccagg catcaagctc attttatgga 120

```

tttctgtctt ttaaaacaat cagattgcaa tagacattcg aaaggcttca ttttcttctc 180
ttttttttta acctgcaaac atgctgataa aatttctcca catctcagct tacatttgga 240
ttcagagttg ttgtctacgg aggggtgagag cagaaactct taagaaatcc ttttcttctc 300

```

```

<210> 266
<211> 283
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (283)
<223> n = A,T,C or G

```

```

<400> 266
aggatccaat actgcctttc aataatatac caaaatacta gttttataaa tgttggttaag 60
gtggactgga aaaactaata catattttga agtatttctc tgatttattg aggatatgat 120
gggcaaaggc aagctttctc gtaggtatta tgagagcaga cagatatttt agtgtgtttg 180
ttgacatgag agagtcattg gcagcgcagg gaatagagag ggaggactgg tctgattatc 240
tggcaatggg aaattgagtt tagtacggan aattgagagg ata 283

```

```

<210> 267
<211> 154
<212> DNA
<213> Homo sapiens

```

```

<400> 267
gaggaccgtc cctctcctcc ccttttccct ctttcggaaa ggggtttctg cggggcccg 60
gagcctcgga gtaccgaacc tcgatctccg gggcggggtc cttggtgggg actgaacgcc 120
ccctcccggg gacgggcgga ctggcccgcg agta 154

```

```

<210> 268
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 268
tgagtcttca aaaagtatca gaagagaacc aaaatgcttt atgacaacag cagagcttga 60
gcatcttgag aaccaacttt gcccaagaat attgattagt agtttctgcc atggtcacag 120
gaaaggagaa tttagcattt tgtgtctctg tgtgtcatat ctgaataaga gtctattggt 180
gcaaaagagc atatccaata gtgatattca taaaataagt gacgcaaaat agtccatgca 240
ggatgggcac agtatttcaa taaaatacag gtagttaagt aaaggttaatt tctagttgag 300

```

```

<210> 269
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (294)
<223> n = A,T,C or G

```

```

<400> 269
aaaacaaggg aacagtgtgt aaggaaactg tgcacatcac tgactgggtac cccactctca 60
ttttactggc tgaaggacag attgatgagg acattcaact agatggctat gatattctgt 120

```

```

agaccatagc gtgattgtta taattttata cttttataga gcacttgata ataaatgtat      180
cctnatntct atggnnttta tccgtacaag tgtgctgcat tctantgnta cattntnggt      240
ntanctatna gtaccttatn atantcnttc ttntntcat aatttgnttt ctga              294

```

```

<210> 270
<211> 294
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 270
accgggacca gaacatgacc ggctgggcct acaaaaagat cgagctggag gatctcaggt      60
ttcctctggt ctgtggggag ggcaaaaagg ctcgggtgat ggccaccatt ggggtgaccc      120
gaggcttggg agaccacagc cttaaggtct gcagttccac cctgcccatc aagccctttc      180
tctcctgctt ccctgaggta cgagtgtatg acctgacaca atatgagcac tgcccagatg      240
atgtntcant ncttggnaac anatggcctg tggtaatgtn ncttctgatt gtgg              294

```

```

<210> 271
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 271
ggaaatttgg gaagaatcca agaagtatag gccaatgaaa acaagttatt aatacaataa      60
gtactgtata tgagagtaca cattaggaat gctgtgcttt aatgcataaa catgtttaca      120
gtggtccaca tgtgccagga gatgtgggaa tggctacccc tgaagtcata tggagaaatg      180
gggtcctcat cgcacaccat acacanncat nactnnacan atggnttana gacncttaag      240
acctganncc aancaaactt ctaggannan actcanggta naggcncnatg nnatttgttt      300

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<210> 272
<211> 299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

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<400> 272
gcacgcccc ttttctccgc cacttcacca gttttetgaaa tccaacctcc cagacttcac      60
aggaagatag atattcttga gataatgaaa agtgatatct tcgcatacta aaggaataaa      120
ggttgaggta tatatgattt ttaactgtat taggggtgta tgaaccagtt taaaaacgag      180
gttttattta ctgtacagat gaatgcaaat cagaaccaat gatcccttgg cctacttagt      240
tannaccngt tcatacatcc cttanggctt ttattattat tattattatt attacagac      299

```

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<210> 273

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<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 273

cccacacctg cctggccaac ccctggcact gatgatgcct ggggtcgggt taagctggga	60
ggagctcctg cctgcctgga tgaagaggag gtcaagactt tgtccccac tccgcaagat	120
accctctctg ttccggagcg gtgggtccct cccctgttag gacctgtct cctcaggac	180
tggacctgga tcctgggcct gcagtcagat tgccagtttc acctagaggt ggaaatgtca	240
accactggt tggaatggga agctgctgtg ttgtgagcca ccttatggaa aacctatgtg	300

<210> 274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 274

tgtctttatt tttttatata tcctaaagta aaatctgaga atgaccaag aatatttgtt	60
tcagaggggt gtctttttgt tggcaagcag tgaagcacat gtaagtttct caagcttttag	120
aatatatata tattaaaaaa caaaacaaaa aaaatgaagc acagacatgt tattttccca	180
gagccatcag tccaaagtat ttcactgtat tattagaagc aacaacttct aaacattcaa	240
ctattccaaa aataagattt tcctccagta agttatcatt ctcaattgat aataagataa	300

<210> 275  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 275

attcgacctt ggtgaatgat gcctataaga ccctcctggc cccctgagc agaggactgt	60
accttgtaag cttaaagctcc atggaataga gatttcctgaa aggacagatt atgaaatgga	120
caggcaattc ctcatagaaa taatggaaat caatgaaaaa ctgcgagaag ctgaaagtga	180
agctgccatg aaagagattg aatccattgt caaagaaaga atttactgac aatgtgagca	240
gtgcttttga acaagatgac tttgaagaag ccaaggaaat tttgacaaag atgagatact	300

<210> 276  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 276

tatttactct ggaaagtagt agcagcactt caaggacata ggggttgctc atgtcagttg	60
tttctgtttg tattggaaga atcataataa caaatattta agttggtaaa ttactaggta	120
aacagggttg tggatttttt gttatttttg agaatacttt ttagtttgat tctttgaatg	180
aattttacata acagctttcc tgtcaagtca gtaatttcac ccattcttaa aaaacaagta	240
cctaaagagt ttcttaacac catatactcc ttagcagct gctgcctagt ttctctcttc	300

<210> 277  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 277  
 gggagaagag cgcgcagcgg aaccctctgtg tgcaccaacc tccccagag ctccggagcg 60  
 ccctctcctc acttccaggt tttggagcaa gagcttgagc gaagcccgcg ccagcttccc 120  
 ttctgacctt cagttcactt tgtcgccctt ggagaaagct gtttttcttt aactaaaaat 180  
 aacaaaaatg ctaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240  
 aaaaaaaaaa aaaaaaaaaa aaacnnncnc nnntaaaaaa a 281

<210> 278  
 <211> 125  
 <212> DNA  
 <213> Homo sapiens

<400> 278  
 ggagagcagg gcaagggtc ttgggcatca catccagagg ctgagggagg ggagacctgg 60  
 ctgtgttcgt ggaactgaag gaccacttcc gcgactagac cttagccagg gggaggtgtg 120  
 ggagg 125

<210> 279  
 <211> 254  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (254)  
 <223> n = A,T,C or G

<400> 279  
 ctctggtggtg cttcaaatctt actttctccc actctgccag tgctgctaata ggaacaaaca 60  
 gtaaatctgt agtggctcag ataccaccag caacttctaa tggatcctct tccaaaacca 120  
 caaacttgcc tacgtcagta acagccacca agggaagttt ggtngnntta gngnattatn 180  
 canntgatnn ngangaanan caannaaatn nnttntnnng aatnngtttt tttaananan 240  
 ngnttctnnt taaa 254

<210> 280  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 280  
 gtgccaagg cgcccgact cggcctggtc ctggagaggg tgcacttcga gaagtacaac 60  
 cagcgctttg gcaacgatgg gctgcatgag ccgctggact gggcgaggga ggaaggaaaag 120  
 gtcgcagcct tcaaggagga gcacatctac cccaccatca tcggcaccga gcgggacgaa 180  
 cgctccatgg ccagtggtg gagcaccttg cccatccaca acttcagtgc caccgctctc 240  
 acggcaggtg gcacgggagc caagggtgcc agtcccctgg aaggcagtga aggggacgga 300

<210> 281  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 281  
 gctttagctg ttagaaaagga acccccgatga catgacacag acacacgtga acaccagcc 60  
 cgccgggtcct agcagccagc tgtgaaagct gtgtcaagtc acgggggttc ccgtgtgtct 120  
 gtgtcatgga tgcaatcgcg gccctggagg actgtgcgtc acccgctaac cagagcggtc 180  
 ctccgggcca gcttccctcc aaggaatgag tggatttcat acaggatctc tttattgcac 240

agactgaatg gctttacatg tttctaattgt gaattaggca tgtgaagcag tgggtgtcca 300

<210> 282  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 282  
 atacatggaa gtctcaaatc tgaattttta tccatctcaa tatgaccatt tctctctgtt 60  
 gggagctgaa cagattaagt atatatctgc caggttgga aatattttgg tctatctttt 120  
 cctgtcatca gaacttaatt taaaaaaatt atcaaaggct agatgtgact actacagtaa 180  
 gttggctatc ataaagaata ttccataaaa tgttttatct gccatacaaa attactgggt 240  
 ttatggccgg atgtggtggc tcatgcctgt aatccanca gntcaggatt acngggtata 300

<210> 283  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 283  
 gctgcttcgg ggactcagcc agaaagctac tgaggtgctg agcgccgtcc tcaaggatct 60  
 ctaccacctg ctgaagcacg tagtgtgtct ggagcccgat gacgtggcca agctccatgc 120  
 ccagttggcc ctagaagagc tggatgacat catgaaaaac ttcctgttcc ctccacagaa 180  
 gctggagaag aagatcatgg tcctgccgta gacctggctc caaggacngt ggaggaggca 240  
 gncanggccca ggnaccaga gncgtgcccc ggtctttcan caggtggcct gctgcctctt 300

<210> 284  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 284  
 gctacacaac actgctaact tgactgtagc tatgtaataa cattagatcc cctaattgta 60  
 attatatggg gtttgacag aacactttta tttcccctc accaatgtga agtgaggaat 120  
 caggagtcaa actgtagaac taaaatttga cttcagtcta gcgtttcctt ggtgttttta 180  
 gggtgctttg gtaagtttag gtttgctata tttctgattg cttagaattt tgttttagcc 240  
 ctttaaaatc agatcataaa tatgaattca tacttctaag gaattttctt gctataagct 300

<210> 285  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 285

atctgtatat	ctttcctttt	gtttacaact	gttaaaaaac	ctcaaaatag	ctctcttcaa	60
aagaagagag	attccaagca	acccatcttt	cttcagtatg	tatgttctgg	acatacttat	120
cggagcgcg	cagctaagng	ntcaagcata	tanacattgt	cngntggan	ngnctngttn	180
acagccactn	nngcattggn	tnacagccnc	ngganccgg	tgnggctctn	ncnctantn	240
centnnntnt	gcnnttaccn	cctcnnnnnn	ncnntatntg	gccttc		286

&lt;210&gt; 286

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 286

ccaacctaaa	atatcattat	tttcaatact	taaatattag	cccatcattt	tttatcttca	60
gatgtctata	attggaagcc	tatatagaaa	tggttgatga	gcctatcggt	tgaaccactg	120
cagagaatag	agtgatggtc	ttagggcatc	ctgtactttg	catgctcctc	ctggaagtaa	180
agagtaagac	agagaatagt	aataatcacc	cattccagaa	ctggttgac	aacatcacaa	240
aagcttgctc	agacttatta	gcaagttaat	aaaaaactag	acttctttct	aagtacttat	300

&lt;210&gt; 287

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 287

ggtgggtggc	agagggaat	ccaacatgca	gactgtggca	gtgtcttgaa	cttctgttta	60
ttcaggtcat	tgaataagaa	actcttttct	tctgcattcc	tgtctttctg	catgtgtgtg	120
tgtgtgtggg	ctgggtaggg	actgtttttg	agatcactgg	gctgaaatgt	attctagggg	180
tgaaggatct	aggatgtacc	tgctcgtcat	ttcctgactt	caccttttac	caattctttt	240
cttaacaaat	ttaaaattgg	tcagagcagg	agctgcttagc	tggcttttta	acagtgtttc	300

&lt;210&gt; 288

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 288

gtcacatcct	cttaagtcag	gaactatctg	tataaggaaa	caagatttcc	attttatcat	60
ttgaaatgta	tttgactttg	tttcactagt	tgcatatcc	ccatggaaaa	cttcacattg	120
agaacttacc	attatatatt	tcataaaaa	tgcatgaacc	atcccttagc	taagtaagga	180
ttttgtaatg	ttctctcaat	aatgttgctt	ggcaaagtta	atattttttg	tatgctgatg	240
aaatttagaa	aagtccaata	ttgagcttga	ttgcaaactt	agaaaaactc	aagactttct	300

&lt;210&gt; 289

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 289

aagggaagca	ttccaaagat	tttcactgtt	tatgttcaaa	ttacaacatg	tcagaaaagt	60
tgtgcaactg	aaaatccttt	caaacaacag	ctacaaaaga	gattggctag	ttaggacagg	120
aatagaaagt	ggaaacttag	aagactggct	actccttggt	tatgattgct	ggggtgagtc	180
tgtgctgaga	actttttaca	aagggtgtcc	tttgctgata	tgagaggggg	gtgtcaaac	240
tttgagtgat	cactgtgggt	cctcagctta	gacatcttct	ctggcccaag	atggcacccc	300

<210> 290  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 290  
 ttgcttcggt cactagccca ggagacattt cccacccat agacctagtc aagaaagagc 60  
 cttatgggct ttcaggactg aaaagagctt ctgcttcttc tctcagatcc atctctgcag 120  
 ctgaaggaaa caagagctac agtggatcta ttcaaagctt aacttctgta ggttccaagg 180  
 agacacccaa agcttcacca aaccagacc tgcctccgaa aatgtgcagg agattaagac 240  
 tagacactgc ctcaagcaat ggctatcagc ggcctggctc agtagtggca gcaaaagctc 300

<210> 291  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 291  
 cgcgctttga aaaaatgaga tcagcaaaac gcaggcaaca gacctaatc atttcaaaac 60  
 ttgatatttc attttgcgtt ttagctagag aagttttcct tgtgacttac taatggctgc 120  
 aatgccaatg attgtaagaa aacaaacaaa tttatcatga aattctcctt gtcattttat 180  
 aaatgcctat tttaacatca tttatggttc cagagatgca tacacttttt tctgacaaga 240  
 aaaagtataa ggtgatgagg gcaattctgt cctactgttt ttacaggcct ttttcaaatg 300

<210> 292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 292  
 ctcaagcaaa gttcctgtag acaaagtaac accaagtact cttccagaag aggtactaga 60  
 tttgaaaaa ttccttcagc aaacaggagg ggcacaaggt gcctgggatg attatgatca 120  
 ccagaacttt gtaaagggtg gaaacaaaca taaagggaag ccaacattta tggaagaagt 180  
 tctagaacac cttcctggaa aaacacaaga tgaagttcaa cagcatgaaa aatggatatca 240  
 aaagtttctg gctctagaag aaagaaaaa agagtcaatt cagatttga aaactaaaaa 300

<210> 293  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 293  
 aacaacaaaa atctgaacag aaatgctcta tttacgttct tttccttctc tgtagtgttt 60  
 taaagtcatt aaacttaaaa atgatgttca ggagaagatg agtgattttg catagtctgt 120  
 cataactctg gtattatttt gtacaaggag tgtgttaggg ttttcagttg taaccatgca 180  
 gaaaatctac aaaataaaa cagttgttaa ttagtccttt acaatcagaa ttgtctattt 240  
 tggaaattta tgaagtactt cagatgtaat ttaagaaatt gtatttgagc caagcgtgg 299

<210> 294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 294  
 attagacca aaaaatggga tgcgtgtggg acagctttta aagtgtttga aagattttgc 60  
 attcaacatt caggctatca gtgactcctt gagtgaacta tgtgaaaata agcgtgacaa 120



tgtagtcctg gcattttaa ac aattgagtc aaccttttat gagaaacttc aagaaatgca	180
aattcaa atg agtcaaa atc atttagaata acaccatgga aaactttcaa gtctgattat	240
gtggatttta tccctttgca aggagagata taattaagct tacacaatga aatggaaaaa	300

<210> 295  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 295	
gtaatccttt ctttttcttc tccctctttc ctgctcttac ttatacagtt aggtgaatat	60
gatgctccac tcccccaaca gataactcaa tagctctgac tgctgaaata ttggtatctt	120
actgtcagca cataacttgt tgctgtgtta ttgacatttt cactgttttg aaatttttac	180
tggtatctgg gtttgaatcc cagctctccc aagcttcagt tttctttcat ttgtcaaatg	240
agataaaagt atccacttca taggggtgtt atgaggatta atgatgaata caaaacactt	300

<210> 296  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 296	
gtattcagta agtaccact atgggtgctaa cgtgagttcg atacgaaaaa agctgagatt	60
catctatata catttttagag gaaagaagt ctatgacctt tccaaacttt catttctcta	120
tcccaaagtc tcatctaaac agattttact actttatgat ctatgtttta agtccttggg	180
ataaaaagaa caaacccaag aatgaggagt cttacttcta cacttttatg atttcttata	240
ttggcattag acataaacat gtctgagagg ctgtctgggc caactgtctc tggtcacttc	300

<210> 297  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 297	
ggccctaata cactctttgc cctgtggcct ctcccttttc cccccttctg gttggaggag	60
ggagaagtgg caantgnngc nncacagan nanctgactn gttgactncc ttatgctacc	120
ntgggtgact ncatattgcc cctnnatgat tncaacacca natatagcaa atgacattta	180
catgctatga aaacatctat tgggtaaaat cagatcttgg atanagaaat tctcgacttt	240
tatataannt tttgntanac ngnananaca gaaanggntt aagtgg	286

<210> 298  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

<400> 298	
gattcatctt cttgttcttt aaaagtcaaa aggccttttg accttttaaat aactcttaca	60
tctggctatc actgttgaaa tgttctacta aattttcaga gtggaaaagt tttaggctta	120
aaactgactg gtaaaaatag aatatttctt tgtattgatt tttcag	166

<210> 299

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 299

tgaaggtcta caaccagtt agggcagaat ggaggcaaat gaataatatt cccttggtct	60
cagagaccaa caactacaga attatcaagc atggccaaaa attgttgctc atcacctctc	120
gcacccca ca gtggaaaaag aaccgggtga ctgtgtatga atatgatatt aggggagacc	180
aatggattaa tataggtacc acattaggcc tcttgagtt tgattctaac tttttttgcc	240
tctctgctcg tgtttatcct tctgccttg aacctggtca gagtttctc actgaagaag	300

<210> 300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 300

gttaaccttt tcaggctcca ccatacccag gctcttacct tagcagaagc ctgtgaagct	60
ggtagcagaa acgagaagga acaaaattaa ctccaaggca gtaagccatc cacaagacca	120
ctacacgaag ttaaggctgt gtgaaagagg gagtttattt aattttattg ttaaagaggc	180
aataaaatat ctagagaaac agtcattaa aaaattggca aatccagcct ggccaacata	240
gtgaaacccc atctctacaa caatacaaaa attagctggg tgtggtggcg catgcctgta	300

<210> 301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 301

cgggagtga ggcgcggagg cccgagaaag gataaacaag acaccgcctc atcagataag	60
aacgtctcct tcgatgtcac ggatttcaag aggtagctgg agaaactgac gtcaggagtg	120
tctgtgtaat gaacatcgcc cgaggcctag caccacacaga agaagggttc tattttactc	180
tactttgctt gatattattt attttctaac aaagtgatcc gtagtctgca accttaggct	240
ctgacaggca aagcccattt cttagctctg gggatggctt gcagggtctc cacctctgta	300

<210> 302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 302

gagttggtca ccgtggccca ctatgacagc cccgaggccc tgagccacct ctgctgccgc	60
ctggtcagta ggggaagcaa ggtgaccgca agggggtatg atcagcagcc cacttggtcc	120
agggttcacc ggggccccca accgtttcta ctgcagccaa accagatagg ctactggtgg	180
ggcaagtcca aggtctccga ccatgccacc tgccctgggg gctcccctgg aaccccgcc	240
cctggattca gctctgcagc ctctccgca ctcaggatca gccctcctgt cctgcactag	300

<210> 303  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 303

gataacctgtg cctgacacat ctgggcaaac tgtggcactc aaagcagatg agaaaaccat	60
gaaagaatcc aggaggaaaa cagatttctc acgaaggaaa ggcgattcca tggacagctc	120
ccttcttagt aggaactgtg gaaaccagaa gtagctttaa agtgctggga taaaactgtc	180

tttcaaggat aagagtgaaa acaaagacat actcagacaa aaactgaaaa catttaccac 240  
 aaacaaactc accttaagca ggcaaatggc cctcgatgtg gaaagcaaag ctccaggggac 300

<210> 304  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 304  
 cctcgtccca ggaggccacc cctgagaaag agtccctggc tgagtcggca gccgcctaca 60  
 ccaaggcaac agcgcggaag tgtttggttg aaaaagtggg agtcatcacc ggggaggagg 120  
 cggagagcaa tgtgttacag atgcagtggc agctgtttgt ctttgacaag acctcacagt 180  
 cctggcttct ccgccacca cacccttccc accctgctgt ggggcctgc ctttgtgggg 240  
 agcagccagc cctctgccc tgcccagggc tccccacta taggcctggg acccccgccc 300

<210> 305  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 305  
 tgttatttct cagcacgtat gtagcagatg aggaaatgaa ggctaaaggc catatatcta 60  
 caaagtgggg aggtcagact ttgaaccac aacctgactg tggagccact tcagtatact 120  
 ctctcccat aagaaagttc caatagaaaa aaaatgctac ttaagtaggg aaatcacaaa 180  
 ataagtgcc atgaacaata aatgttcaac ctactacag ttaaaatgta tattaaagca 240  
 agagttgaga tgacactttt cttataaaa cagacagga ttcagggaca ttgggactct 300

<210> 306  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 306  
 gccatgtacc ggggtccaaa gaaaactaat ttatcagact ttgagctgga agtatccgaa 60  
 aggcattcat gttgagactt tagaaactga aaagaaggag cgatatatag ttatcagcaa 120  
 agtagatgaa gaagaacgca aaagaagaga gcagcagaaa catgccaaag aacaggagga 180  
 gctgaatgat gctgtgggat tttctagagt cattcacgcc attgctaatt cgggaaaact 240  
 tgttattgga cacaatatgc tcttgacgt catgcacaca gttcatcagt tctactgccc 300

<210> 307  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (268)  
 <223> n = A,T,C or G

<400> 307  
 aaaaagcatt caacatgcaa ataggtggta tatgttgata tcttgccctg actggctgct 60  
 aatttctgaa tcaatctgtt tgtgcattta agtcatttat tctctatttc aaaaagattg 120  
 aatctattaa agtcttaaga tctgtcttcc attataatgg tgaaagattt tgaccagata 180  
 agggaaaaga naacacaaca gcttgatttt gggaacncag atcttctcan agggggccac 240  
 ttacanaga gattgntcac cnatngca 268

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<210> 308
<211> 252
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 308
ataagacacc aaatcaaagt ggtgatagta aatatcattg ccttggttct cacctcagag      60
actagtgttt caccattaag tgtgatatag cttagttttt tataaatact tgggagtga      120
tttttaactg ggtcatagag gattgttgga ttccagcang tagaaatcag nggaaattan      180
ntctccagac acngggaaga gacnctagtn gnannncnnn tggntnctt tggctntaga      240
ttanngggan at                                                              252

<210> 309
<211> 268
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 309
gaaagattct caaggaagaa gtaataaggc attacatctg aagagtgatg ctgaatttac      60
aaagatattt ggccttacta aggatttgag agtgtgcctt actcgaattc ctgaccattt      120
gacctctgga gaaggtttcg attcctttag cagnntggng annantnnnn cnnntnntg      180
tcacnntnnn ttgcctctnt nctnntnntn tcncnntcnc ntnnnnggnt atngtcnnncn      240
nnnnatnttn ttnnnttnnc tectcttt                                           268

<210> 310
<211> 295
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 310
ggagcggcag gccaggccc aggagagtga ggaggaagag gagagccgga gcaccaggac      60
actagagcaa gagatcgaac gcctgagaga agagggttcc cggcagctgg aggaacagca      120
gaggctcatc cgggagcaga tacgccagga gcgtgaccag aggttgagag gaaaggcaga      180
aaatactgaa ggccaaggaa ccccaaaact aaagctaaaa tggaaagtga ngaaggagga      240
tgagtcaaaa ggtggctact ncaaagacgt tctctacgn cttttgctta agtat           295

<210> 311
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 311  
aagagaagct atgaaaaagct tcagaaaaag caaatgaggg aattcagagg aaataccaaa 60  
aatcacaggg aagatcgggc tgaaattgag aggttaactg caaaaataga gcgcctcacc 120  
atgaggggtca atgacttggt tggaaccagt atgactgtcc tacaggagca gcagcaaaaa 180  
gaagaaaaat tgaggggaatc tgaaaaacta ttagaggctc tgcaggaaga aaagagagaa 240  
ttgaaggcag ctcttcagtc tcaagaaaaat ctcatacatg aggccagaat acaaaaaggag 300

<210> 312  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 312  
cccatcctat ggggtgtctt ttgacttttt ggtagtgct ctttgaggca cgtaagtttt 60  
ttaagttttt ctctgttttt tagcatcata tctaagaatc tactccaaat ccaagggtcac 120  
agagattttac catgtgtttt tatctaaaag ctgtatagtt ttagaagtca gttcctctgt 180  
cctaccagcc acatttcagt gatcacatga tgtggctgat gtccacagca cttgtcagtg 240  
cagataaaga ccatcataac agaaagttct tttgcaaaaa aacaactttt tttttttttg 300

<210> 313  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 313  
gaaagaaaat attttcacat gtatctagca gcaatatagt ttacaataaa ccctaggtgg 60  
tataatgtga tgtacattac acatgaacta tctacactca ctaaaagcca ttattttaaga 120  
gtaagctcac atagcacacc tatttccttg gtgttgcaaa gcttgagggt gcacagcttt 180  
ctcattttgt agagcaaatg acagttttca tcaacagacc aatggattca cagctaagaa 240  
taagacaact tgaaaaactcc acgtttttaca aaatcatttt ctattaaatt ataaaaacct 300

<210> 314  
<211> 262  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(262)  
<223> n = A,T,C or G

<400> 314  
acctcaaaaa aaatgctgat atcctaaaaat attcctagta tcctaaaata ttccataaat 60  
cagatatcct acaaagccaa actgggcctt cttgttaaaa ttaataagat tctataagct 120  
gttaacaaaa aaagtttcca ctaacactgn ataactanct ctectaanta catnnattta 180  
ngcttgctgn nantnntann nggncntnn ttgnnnnnac ttgncncnna gctattnnnc 240  
acnataccn gtgnntnagt nc 262

<210> 315  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 315  
gctgttgacac ttgccacgtt atcttgagac ctccgggttcc ccgcgtcgcc tgtgggtggtc 60  
cccgtccctc gacaccatct cctcgggtggg ctcttggtggt ggctgggtcct ccaagtcctc 120

```

ggccactgg aatcaggtag tgtcagaggg ggagaagatc gtgggggtacc ccacgtcctt    180
catgagcctt cgctgcctgc tgagcgacga gctcagcaac atcgctatgc aggtgcggaa    240
gctgggtggca ctcagcacc cctgcttacc acagccaggg ggcttgtaga tgacagctgg    300

```

&lt;210&gt; 316

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 316

```

ctagagcaag agatcgaacg cctgagagaa gaggggtccc ggcagctgga ggaacagcag    60
aggctcatcc gggagcagat acgccaggag cgtgaccaga ggttgagagg aaaggcagaa    120
aatactgaag gccaaaggaac ccccaacta aagctaaaat ggaagtgaag gaaggaggat    180
gagtcaaaag gtggctactc caaagacgtc ctctacggc ttttgcagaa gtatgggtgag    240
gttctcaacc tgggtgcttc cagtaagaag ccaggcactg ctgtggtgga gtttgcaacc    300

```

&lt;210&gt; 317

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 317

```

gagagtggct accttaaaaa tgcaaaagttg aagaactgta acctcagagg agcaactctg    60
gcaggaactg atttagagaa ttgtgatctg tctgggtgtg atcttcaaga agccaacctg    120
agaggggtcca acgtgaaggg agctatattt gaagagatgc tgacaccact gcacatgtca    180
caaagtgtca gatgagaatt tttagggctg gaggaagatg taaaagatga aaatgttttc    240
cttatcactt ttctttctcc acccactcag ttgtctagaa gaaataacac tgtaaggaaa    300

```

&lt;210&gt; 318

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 318

```

tcttcagaag gtcaaagcaa aacagaatct gatttttcca acctagactc tgaaaaacac    60
aaaaaaggac ctatggagac tggattgttt cctggtagca atgccacttt caggatacta    120
gaggttggtt gtggagctgg aaatagtgtg tttccaattt tgaacacttt ggagaactct    180
ccagagtcc tctgtattg ttgtgatttt gcttntggag ctgtgganct cgtaaagtcn    240
cacttgnntt acanatcaac ccangnnttt tgccttnntt catgatgant nngatgatgg    300

```

&lt;210&gt; 319

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 319

```

ctcaccaccc ataccctccg tccccgcgg gcttaccact atctagacac ctctgcctt    60
ctccatatgg ctccggggga ttgtttccct cctagcccg acttctccaa taaacagcaa    120
cttctgtgct ctccagcaag tcgcataaga agaactggaa tcttgacact acaactcctg    180
acaggacgcc cctgcggcat ccagagacag ggaagccagt gctgctctgc atgttcaggg    240
cgagttagctg agagtctcct tccggcctgg atactgagga aggtgactta gactttctct    300

```

<210> 320  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 320  
 gtgacttctg tggaaaaaaa attaatctt taccattgca gcgttctgcc ctagggtccaa 60  
 atgttaccaa aatcactcta gaatcttttc ttgcctgnaa ganaangngc tnacanganc 120  
 agattgttat nctngaacag nactgggaat nagatcantt atgatnnntn tancggtnat 180  
 tngcncntt gtttanntat tcnnnataca tgnntntntt aattataatn ccacttttct 240  
 anattatttt gtagtcggna actcaanact ttttnntca gtaagttgtt a 291

<210> 321  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 321  
 tcttcagaag gtcaaagcaa aacagaatct gatttttcca acctagactc tgaaaaacac 60  
 aaaaaaggac ctatggagac tggattgttt cctggtagca atgccacttt caggatacta 120  
 gaggttggtt gtggagctgg aaatagtgtg tttccaattt tgaacacttt ggagaactct 180  
 ccagagtcct ttctgtattg ttgtgatttt gcttctggag ctgtggagct cgtaaagtca 240  
 cactcgtcct acagagcaac ccagtgtttt gcctttggtc atgatgtatg ngatgatggc 300

<210> 322  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 322  
 gccacgtttg caaaaatgca gcaaaaaagt tacttagtct ggctgttttag tagaatttac 60  
 ctctactcat tcatcagcct ctttatatat atgattttta gtcttttcat tgcactgatc 120  
 actgatacat acgaaacaat taagcaatac caacaagatg gcttcccaga gactgaactt 180  
 cgtacattta tatcagaatg caaagatcta cccaactctg gaaaatacag attagaagat 240  
 gaccctccag tatctttatt ctgctgttgt aaaaagtagc tatcagggtt atctgtactt 300

<210> 323  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 323  
 agaaggtcgc ctctaccttg cccagaacac aaaggtgctg cagatgctgg agggaaggct 60  
 gaaggaggag gacaaggata tcatcaccag ggagaatgtt cttggggccc tgcagaagtt 120  
 cagtctcagg cgcccgctgc agacagcagat gattcaagac ggcctcatct tctggctggt 180  
 tgatgttctg aaggaccctg actgcctgtc tgactacacg ctggagtact cgggtgcttt 240

gctcatgaac ctctgcctcc gcagcacagg gaagaacatg tgtgccaagg tggcaggcct 300

<210> 324  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 324  
 gcacctgtag tcccagctac tcaggaggct gaggcaagag aatcacttga acccaggagg 60  
 cagagggtgc agtgagctga gatcacgcca ttgcactaca gcctgggcaa caagagcgaa 120  
 actttgtcta aaaaanaaan cactgggctt attcatgctc tgatcacatc tntcgtaaaa 180  
 gcttaagctc tntccggggt ccgggttggc cgtncctgn aattctggtn ggccngnntg 240  
 nggtctctgn aaatgtggct gncngctnag ancnnnnact ctgac 285

<210> 325  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 325  
 gcacaccctc ccgtgggtgc tgttcctccc tgtcacctgc ctctcatca tggaaggggg 60  
 ggggctatga aagccggtct caaagataac tgcctccttc attccaggaa agccctagaa 120  
 ttaggggcaca ttgcaaaactg aaatatgact ataattctta tgggaccaa ttttaagcaat 180  
 ttttgttttt ggetgaagag acaccaaaat attagaggac aaatatTTTT agatccattt 240  
 aaggagtttt gaagtgccta ntangaccta tttgncagtg gngnnattta att 293

<210> 326  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 326  
 ttgtgaacca gatgatgaaa gtggctatga tgttttagcc aacccccag gaccagaaga 60  
 ccaggatgat gatgacgatg cctatagcga tgtgtttgaa tttgaatttt cagagacccc 120  
 cctcttaccg tgttataaca tccaagtatc tgtggctcag gggccacgaa actgggtact 180  
 gctttcggat gtccttaaga aattgaaaat gtctctccgc atatttcgct gcaattttcc 240  
 aaacgtggaa attgtcacca ttgcagaggc agaattttat cggcagggtt ctgcaagtct 300

<210> 327  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 327  
 gttgcactgg tgctccctc cgaaccgcca agcagaaacc ggacctcaca gctgactggg 60  
 aactggacat gtggaagagc tgctggctgc atcagggaac aggaggagga agagggtcag 120



```

ggtaggagagg aagatcagtc agtgggcaca agacagtcaa atgggcaagg cctgcctcgg      180
ggaactagaa ccttccagga tctggagccc gggagagcca cactgtgggc ttaatgtgaa      240
tagaggaaaca agtgggtatc tctgccaggc accccacttt ctctagtaa catgggctca      300

```

```

<210> 328
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 328
ctggtcaggg tttgactcag gaagctgagt tccagcttgt ttccttggca gcactgccaa      60
agagtttagac caagctgcag cttttgaggt gaaaggggat ggaagaaagt actgttactt      120
ttccacttag aatttttgga ctttgttctt aatgaatagg ttcattttca atttcaaagc      180
aaagtgttaa catttttgaa atttgtctca attctaaagg ccaaacttaa atatgtctcc      240
tcctactggg gcatggagca agttattcat caaatacaga ttctcgcgat gaaaagaaaag      300

```

```

<210> 329
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 329
aatggatgct catatattgc ttatggatat tttggatacc aaagtaggaa taactgacat      60
tcagtatttt aaagctggca aacctgtaca tagaaaatag atccccagac agtgggtctat      120
gaagaggggca gtttaagtatc aaatacttaa ttttcttgcc tttttttctt aagtggggaa      180
aagtttctag atctcttaca cctctgacac aatctgttct aaaacaggca cttgtaatgt      240
tggggcctcc ttgtaaacgg tgtttttgcc ctttactctc tgggattaca ggcgtgagcc      300

```

```

<210> 330
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 330
gccaggctgg tctcgaactc ctcacctcaa ctgatcatct gcctcggact aagtgtctggg      60
attacaggcc tgagccaatg cgcccagcct actttctata aaagtcgtca tgtctctgcc      120
ccccccccc gccaccccc acatagtctg tttcatttga ttttccctt agtttagtgt      180
tttattttga tgtttcttca gatgccttgg gatcattcac tgttctctcat atttaagagc      240
aatgtcttaa aaattcttag aaataccttc ttgaaaagcc tgcattccta ccacctctca      300

```

```

<210> 331
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 331
tcgagaccag cctcagtaat gtatgtgagac cccatctcta caaaaaata aaaataaaat      60
aaaattttcta agtacttgct tatttgcagt ttactattct tgctagaatg tatctcttca      120
gggttttggg gtttacctat gccccttca attttgggtt ctctcaaag ccagatgtat      180
ctcctagaac tctttgggat ttttagctct ctaatacctt tagacattta aaaaatatat      240
attttggatg ttttagttat cttcagaggc aatgttaatc cgaattatca aggtagtcac      300

```

```

<210> 332
<211> 300
<212> DNA
<213> Homo sapiens

```

&lt;400&gt; 332

gaaacgctga	ctctgcctct	tagccctgg	gttgaagccg	actagagaat	ctcagacgtg	60
cttaaccggt	ctgttgggct	tccctgccct	tttccagtc	caggtttcct	ttccctgctc	120
ccttcctgct	tctaatttca	gccaaagaga	aagcaaagat	ttagaaaaga	agggtaggaa	180
gaagctggaa	tttgaattgg	caagagaagt	ttgaggttgt	cttttctaga	tcaaaacaat	240
ttttaatagg	ctgatgttca	catgttgac	tttctaaagc	ccgtgcttga	cctcctaagg	300

&lt;210&gt; 333

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 333

ccatcataga	gcatttaggt	tcttttcaact	ttctgttgtg	aataatgcaa	tgttgaatct	60
gagttcatta	agtgaagagt	ccagctgcac	actgcaggcc	cagtctggat	gtaggtgctc	120
agatggttct	ctttgagaca	ggctttatcc	tttggtcttc	atttttttga	tgagtgtaca	180
tggcatgagg	gacacagatt	ccgctagaat	tcaaatocca	cttgtgtata	acctagggca	240
gtgtgccaca	tctctgcaca	tctgttcatt	gtaaggatta	catgtttagt	gtatataaag	300

&lt;210&gt; 334

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 334

ctgggaagga	ataattcaat	ttgattggca	gatatatata	atacagtagg	agaataatgg	60
gagaaagata	aattgagact	agaataggt	gactttaaat	gcctgtctgg	tttaggtatt	120
tgaactttca	aggtgtggta	aatgtttgag	ttaaaggaata	atgtgtccaa	agattattat	180
ggaattgtct	ctctgcatac	ctctatcgct	gtttgtcaca	gctgtgttct	tatgtgactg	240
attcttcctg	aagattagaa	actcctcaaa	gactggttat	tagagcttat	tcttcattat	300

&lt;210&gt; 335

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 335

gttgaagtt	cctaattctt	tctcggta	actgtgaaac	tctgcgtatt	gggaaggcct	60
ggcctcagtc	atcaggccag	gagaggtact	ggacgccg	cacgcactcg	tctgccagcg	120
aggcccaaag	gggaagccta	gcggagctca	gtgtggcagc	tgtggcctc	tgggccggtt	180
gtgcatctaa	tcatccaaaa	aattcagctc	anaacctgac	taaagatagt	actttaaaaac	240
atgaaggctt	ctattcagag	aacttaactg	aatctagaaa	attcctgaaa	agtagggaaa	300

&lt;210&gt; 336

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 336

gagatttctt	ctaattggcc	aataatatcc	ttcagttctc	ccacctccaa	tatccaaagt	60
tctgtcaagg	atcacatact	acatttggtt	ctttattata	gactttttaa	atatcgttgt	120

```

ataccattgt gattctatcg tctcctttaa taaagaggag aaccagaaaa atgaaaggtc      180
ataagaggaa tgaggtttgg agaataaggag aaaaaaggca tcataatggt tataataatg      240
tttgccctgt cagagaaaca agaatcacag ataaagtcac ttatatgtag ataagagaat      300

```

```

<210> 337
<211> 268
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (268)
<223> n = A,T,C or G

```

```

<400> 337
gctaaacatc aaaaacagat ctggtagggg cgggggaaatg aggggggaaga aacatangcg      60
tgntggtgcc nttatnctgc attannaact ttanttcnat gtntgtnttn ttntttcntt      120
nancgnancc ttttatttat ntttttctct ttttctnttt nttattnttt tnntntttatt      180
ntttntgttn ttntttntnt tttttttnat gntntnantt tgnnttantt ntnttttttt      240
cnntnttttn tattatcttt nttacttt                                     268

```

```

<210> 338
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 338
gggaccacgt ggacttcttc ctgctggtgg tggtagtagg gatggtactc atgggcattt      60
tcttcagcac tctgtttgtc ttcattggact caggcacctg ggccctctcc atcttcttcc      120
acctcatgac ctgtgtgctg agccttggtg tggctctacc ctggctgcac cggctcatcc      180
gcaggaatcc cctgctctgg cttcttcagt ttctcttcca gacagacacc cgcattctacc      240
tcttagccta ttggtctctg ctggccacct tggcctgcct ggtggtgctg tccataatgc      300

```

```

<210> 339
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 339
gtcaccaact tgaaaccagc aaccatcaag gtctatgact actacctacc agatgaacag      60
gcaacaattc agtattctga tccctgtgaa tgaggatagg agctggaaac tcaattagtc      120
ctctgtgaca ttactggagg gtggaacatt cttctgtcgc ttgaagcaga actcattcaa      180
tcaaataatt taatttctct gactagtata tgggtaacaa atgaatatgt ctgaacctca      240
gctataatac tttctactac ctttgcaagg agatgggata ggaacaatca ctcagaggag      300

```

```

<210> 340
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 340
tgacaccaaa tgccaacca tcccaaattt acaacatcga ccctgcccgc ttcaaagatc      60
tcaacctggc tggaacagcg gaggtggggc ttgcaggcta cttcatggac cacaccgtgg      120
ccttcaggga cctgccagtc aggatgggtt gctccagcac ctgctaccgg gcagagacaa      180
acacgggaca ggaacccccg gggctgtatc gagtacacca cttcaccaag gtggagatgt      240
ttgggggtgac aggccttggg ctggagcaga gctcacagct gctggaggag ttcctgtccc      300

```

<210> 341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 341  
 atcatattca agttggcagg tttgactgtt cctctgcacc agacatctgt agtaatctgt 60  
 atgtttttca gccgtctcta gcagtattta aaggacaagg aaccaaagaa tatgaaattc 120  
 atcatggaaa gaagattcta tatgatatac ttgcctttgc caaagaaagt gtgaattctc 180  
 atgttaccac gcttggacct caaaattttc ctgccaatga caaagaacca tggcttgttg 240  
 atttctttgc cccttggtgt ccaccatgtc gagctttact accagagtta cgaagagcat 300

<210> 342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 342  
 ctggacagaa gtctattctc cttctcagca gcggtggctg cactgtgatg catgtgaaga 60  
 tgtctgtgac aagccactcc tttatgaaat aggatggggc aagaagcttt cctatgtcat 120  
 agcattttca aaagatgagg tagttgatgt cacttggcga tattcctgca aacatgaaga 180  
 ggtgattgcc agaagaacta aggttaaaga agcattactt cgagacacta ttaatgggct 240  
 taataagcag aggcaactgt ttttgtcaga aaacagaagg aaagaacttc tccagaggat 300

<210> 343  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 343  
 gagctgatcc tgcacatgc ccgggccagc gagtgcaggg acgtggaggg gttcaaaacc 60  
 gagatggcca tgctggtgac ccaggccagg aagaacacca tcaccctgga gaagcttcat 120  
 gtgtccagcc ttctctctag tgtctttaag ttgctgatga ctcacaaggt aaagcttgag 180  
 agcaactttg cctccattgt gtttgccatc atggtgttgg aggggcttgg ccgctcactg 240  
 gaccccaaac tggacatcct ggaggcagcg agggccttcc tctcaccggc ccagtgtgac 300

<210> 344  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<400> 344  
 gtgacctctg tgtttctata actatgttaa tgtgacctgt aaaacagttc acttctcaac 60  
 aagtcagctt cctcatattt aaaatgagaa gttgtcttga gtttctaaag atgttttaggc 120  
 tgcatgtgct tgggcctgct caggattttg acctctgaga taaaagctgg atttaaaaaag 180  
 ccaatccaag ccaaacacct ggcattatta gcattgttat tccatcagat ctgtttgttc 240  
 tgataaagaa gctgggggtg gaatt 265

<210> 345  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 345  
 tgacatcaat gagttgaagt ctactcctct catggaggct gaagaaacat ttgctgagca 60  
 ataatagaac ctgccacaat tatgtttctg atggggtagg acgggtcctt gcaggagtag 120

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agggtctgcc tggagggcat gggtaagaat catggctcat gatttgtgtg ggacaagtgg      180
tcgcagagca gaggctctgg gtaaggagac ctggtttgag tttataacca gagacaggca      240
gttcaccaac tgagtctcag tttccttatac tggaaaatgg gaataatttg tcttctctgg      300

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<210> 346
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 346
gtaggacagc ctttggtgaa ggagacactt tggagagcat ggtgtgtgaa aacacttaaa      60
ggaaaattaa agggaattaa gaggaattg aagggaagga gtatatgaga aggggttgcct      120
tgtggttata agctgaattt tctttaatgt attttgaaag accccggtta agaaaggaa      180
ttcttttaaat tttgcagaga atgaggagtt gtccaattag gtgttgaatt gttcttctct      240
ggaactctca agagaggagt tgtgtttaga gatagatttg ggagctgtaa gcaagtagat      300

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<210> 347
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 347
cttttagcaag tcactcgagg tcatggaaca tgtttttgaa gaaataatat cagttcatga      60
attctgtacc tgtttcttgt cgctgaagg gtaagtgaca tcagcagcat gtccattcct      120
tttcttgtct tctacctgtt ctccacaaaa gtataaaaag ccagaattgc tttttgggtt      180
ttgagatggc attgtcttcc atttgcaaaa aacagtttat aagacaaaata ataaagaaat      240
tgaaatgttt ctgatgggtt caaaaatgta aacataagcc agagttagta tgtctcaaca      300

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```

<210> 348
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 348
gtttaaagaa aacatacaag ggtatgacgg agatatgatt aggagaggga atgctttttg      60
agggcagaat tgccaatctg cttgtacttt ataagcctgt tgattgttta gatacgggtt      120
agccagttta tagttaccct ggggtgctgaa aggtatgctg gatgatacct aaccaacaga      180
gaaccattga atgccgttca aaatggactg aagcatcagc aatgtctgaa aaaggcctga      240
cagtaatgta catgtcaaat ggcccgtaat ttaagcagag tagagtaagt agaagaataa      300

```

```

<210> 349
<211> 299
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

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```

<400> 349
ggtggatgtc agagttcggt ggcagctccc gtggggacct ggggtgtgtg gctgggtgaa      60
gacgatcacc tcccttctgt ggttttatcc ccaggctga gtttgagccc ccaaggctcc      120
tgtcggttct ggtttgtgat tggctcctcc gtgcccctat cgcattgtcc gccgccagg      180
agattaggcg tttgtagtaa gtgatttcac tggccctggg gggacagatg ggtagacagt      240
gtttgatccc angtctttgc agggctctag ccctctgcaa gcttctgcac cttctctgc      299

```

<210> 350  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 350  
 gtctcatgtt agttgtaccc acagctctca tcagaagcag acacagatac tttttgtagg 60  
 aaaacatctc taacttaagc ctgtaggatt cccaaagatt aaaagcaggc aaatatgaat 120  
 tcagtcaaat catagcattc aagtagtctc aaccaacat atttgagaat tgttagaac 180  
 aatgaatatg tttcccaaag actagggtttt ggaattatca gatacagaac acagacttca 240  
 aatattagaa ttgtgagaaa atagttacat gtcaaacctt atataaaaga aagatggact 300

<210> 351  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 351  
 atgcttgtca gcattgccaa gtggcaaaaa atacagttat tgtagcaccg aaacagcacc 60  
 ttctcaaggt ggaaaatcca tggagttagg ttactgttga tctgatgggg ccttttcata 120  
 caagcaacag aagtcagtga tatgtataa tcatgacaga tttgttcacc aaatggattg 180  
 tgattttgcc tctatgtgat gtttcagcat cagaagtctt taaagctatt atcaatatat 240  
 ttttcttata tggacctcct cagaaaataa taatggacca aagagatgaa ttcattcaac 300

<210> 352  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 352  
 ctggacttgg gctttttctt ctatttgctg ggtagaaaag tccttaaagt ggatgctcat 60  
 gttcagtggc ctgggcatat attgtttcac tggatatcaat aatatttttag gatataat 120  
 tctagcagct aggttttaca tgtatataca ctatggttca gatataaatt acccatcctt 180  
 ctatattagc ccagtttagct agtacatgga taagtcatta gataatttgc tacccatgta 240  
 tntgtntctat taagangtac ntatanttna actaccaanc natntgtacn ntgcatttat 300

<210> 353  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 353  
 aaacaactga aggtcaaaaa cttatatgcc tttttatgtg tacattttaat aaaacaattt 60  
 tattgatttc ttaccgtaag ttactgtgat gagtgataaa tacttcacta ttcagatact 120  
 ttcgtaagag atacatttca gtggaacact ttgcataaat tttttctcaa aaatgtgcca 180  
 tttctgggaa aaaaggggaat gatgggaaag aatgttattg cagtttttcc tagaaat 240  
 gtcagattgg catgcatttt tattgactaa gaatcccaat tttagcatga agaccattag 300

<210> 354  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 354

gggaagttgt	tgttcaaattc	tgtagtgtgt	ccagtcagca	caaacgagga	aatgatggca	60
gagttagttt	aataaaacag	aggaatcta	cgtaggtat	catgtatcgg	agtgaactgc	120
tttcttttat	caaaaaatta	cgagaaccac	tcgttttgac	tattatttta	tcactctttg	180
tgaaacttca	caatgttcgg	gaggacattg	tgaatgatat	tacagctgaa	cacatttcta	240
tttggccatc	ttccattccc	aacctccagt	ctgtggactt	tgaagctgtg	gcaatcacag	300

&lt;210&gt; 355

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 355

gggagaccta	tacctagatg	ttgctgaagc	ttttctggat	gttggtgaat	ataattctgc	60
acttcccttc	ctcagtgtc	ttgtttgtc	tgaaagatac	aaccttgacg	tagtttggct	120
tcgtcatgca	gaatgtttta	aggccttagg	ctatatggag	cgagctgctg	aaagctatgg	180
caaggtgggt	gatctggccc	cactccattt	ggatgcaagg	atttcacttt	ctacccttca	240
gcagcagctg	ggccagcctg	agaaagctct	ggaagctctg	gaaccaatgt	atgatccaga	300

&lt;210&gt; 356

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(292)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 356

ccaagctgaa	ttccagattc	tgaaagctga	gctggaaaga	accatagagg	anaagcaaga	60
gttaaaagag	aaactgaagg	aaacagagac	acacctggaa	atgctgctga	aggctcaggg	120
ctttggcaaa	gcttacgcgg	ctacgtatcc	acgtcagcta	tctccttact	tctgtcctcc	180
ctcacttgga	gcttcangag	atcggctatg	actcagaaca	agtgnatggg	atcctgtaca	240
cggngctgga	ggcaaatnac	atactgnatt	gancaccaga	ctgnataccc	tt	292

&lt;210&gt; 357

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 357

gctaattgga	aaatactgga	agtcccttag	gtattccact	gcagtagtat	cataagccta	60
gaaaatctgg	aacaattctg	tgagggttta	gaaaaaggga	cattgaattc	agtctctagc	120
agtatggtag	atgagactca	atgaacaatc	ttgtcacaaa	ccaaggacat	catctgaaaa	180
aatgttttaa	gtcttttgaa	atgatctgtc	aagaaaacag	ggaatcatca	gacacaaaaa	240
ccaaagtgtg	agtagcagag	gtcagtaagc	actcaagggtg	gccccaccct	ggaggtttct	300

&lt;210&gt; 358

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 358  
 agcacaagag atgtaaaaaa aaaaaaaaaac cccncccn gnnggaangnc ccttttnagg 60  
 tttngnttng tttttttttn gggttntttt tntgtttttt taatnntggg gataaccnt 120  
 gatgncnggc tanngtncat atcnggtctt ttnagntagt gggctctttt aananntntn 180  
 ngctnaaann ttaactnata aaaggttnga gccnctnan catncgncna anggnaccca 240  
 ngcatagana aaagganatt cnnccctgt gtatgaatga gcnggtcaga ttcaaggcag 300

<210> 359  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 359  
 agtttgtggc agctggagat cacctagtcc accactgtcc aacatggcaa tgggctacag 60  
 gggagaatt gaaagtgaag gcatacctac caacaggcaa acaatttttg gtaaccacaaa 120  
 atgtgccgtg ctataagcgg tgcaaacaga tgggaatttc agatgaattg gaagctatca 180  
 ttgaagaaga tgatggtgat ggcggatggg tagatacata tcacaacaca ggtattacag 240  
 gaataacgga agccgttaaa gagatcacac tggaaaataa ggacaatata aggcttcaag 300

<210> 360  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 360  
 gttttctcgg cagatctgca aggetggctt taagagcaca aggagggaaa gtaacgaaag 60  
 ggctggacta ctataaaagt tacaaatagc tagttagacc aatagattta tatagtcagg 120  
 tttttgtcat gtaatttatt aactaactat tacagaaaca cagctaagaa tatcaagtat 180  
 ttctctggct cttgacagaa aaaaatcagt tgacttaacc ctttgetgca naanagttgn 240  
 cgtttctcgg ttgntgcta ctgctaactg 270

<210> 361  
 <211> 152  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(152)  
 <223> n = A,T,C or G

<400> 361  
 ggtgcgttag catctgaacc actgaaagt agtgatggct tttatggtag tggagagacc 60  
 tttgttttta cattctgtcc ggagtttgag gtctttaagt ggacaggaga taatatgttt 120  
 tttatcaaag gagacatgga ttcactant tt 152

<210> 362



<211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (276)  
 <223> n = A,T,C or G

<400> 362  
 tcatggtgtc tgtaagtgat gacaaaagct ttaataactg gcacactagc ataatataga 60  
 aatcaatata tatcaatgta aaatataacc ccctttttatt ctgtaaataa atacacacaa 120  
 gcacatgtat attatcactg tttatagcac aaattatcac tctaatttcc aattttttta 180  
 ttgatttttg gacattctga agagtattct tgctactagc taaatgatct ccatttccgg 240  
 gccatggttt gacatangga aagncagcca aacctt 276

<210> 363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 363  
 gtatgcccct tcagaacatg cagagtgtat ctttttttaa atttctcctt ccgttgctta 60  
 agtattgcgc agatttgctc aactttgcaa atatggacat cacttttttt ttctttgaga 120  
 aaacacttgt atcagctttg tgggtgtttc agggagaccg ctgatggcag tccgtgtaaa 180  
 aaccagcaa tgattatgca cgtggagaca tgtgcttttt atttcttagc aggatatttt 240  
 atctctgtac ataaagtaga aaccaaaggc tagggaaaca gatactcttt acaccatcat 300

<210> 364  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 364  
 gtgagccgag attgcgctag tgcactccag cctgggcaac agagcaagac tccatctcaa 60  
 ggaacgttaa aaaaaataaa aattaaaaaa aaagaatatt taggaaattg gatattttct 120  
 aggagaatta cagaagaaag gtagtaaga atggcaagg tttatttttg aaagacttta 180  
 atgtctagag aagagttgac actagggatt tgggtaacca tcaatagttt ctaagtaagg 240  
 ataaaatttt atcactatta ttacaataag cacttactaa catgatggat attatgatac 300

<210> 365  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 365  
 gtcaactttac tctccatccg gageccgttc ctttctcgcc gcgaggctcg gggttggggg 60  
 gggaccagat tggagccgcg ggctaactgg gatccgtccc atttccctgg gcttgacggt 120  
 ctctgaattt ttagctaatt tggaaagtta catthatttg catttggtta tcgcttgctc 180  
 acataggtct gtgtccgaa gcttggcaga tgagcgaact tagccagcac acccccgcc 240  
 gtgaagcagg gaggtgaagc ggggagagca acgagcccca cccgggtctt gccagctgga 300

<210> 366  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 366

aacacttttta gttgctctat tgattactta gattttttgtt ggcaattagg agctttttcag	60
taacattctt tgctccatcg gtagtctctg ctggctcttg ttcactcagg aaacacctga	120
gcacagggct tcaggaaagc cttctattaa atgggagagag gccccagcag gactcctgca	180
tgttcatctg cacagccaga gacagctgga gggcaggagg agccgcgttc acatagggtt	240
ctgcagcctt ggagccgccc tttcttccaa gtactcttca gatcagcggg tcttagccct	300

&lt;210&gt; 367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 367

ccagcacctg ctgtgctggg aaggccgagg atggggggccc agcactgtcc aggcctgctg	60
gggcctggct gggagtcctg tgggcagcat ggaacatgca gctgggcttc ctgtgaccag	120
gcacctctg gcaactgttg ttgccctgtg ccctggacct tttcctgccc ttctccttcc	180
tctgtccct tggggctacc ccttggcccc tctgtgtctg tgcaaaactcc ctcagggagc	240
ccccctgccc tgtagctctc acttaacttc ctaggggctg ctgagccac ccagagggtg	300

&lt;210&gt; 368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 368

gttcttttga acagtaacag tctaggatct ttttttttct gagatgattt ttgaatgctt	60
ttgtgtgga ccacatgcat cataatagat acaaatccat gaaagtataa cagttaaata	120
ctagatctta ctttttcagg ttttgatttc tcatctaaac tttccaatgc tttatcagtg	180
aagcaaaacta actcacattg actagcctgc tctcctttag caaaccttc aaataaatgc	240
ctcatttgc ctcaccact atcattttag attggccaga cagttgttac ttacctttta	300

&lt;210&gt; 369

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 369

ccaaagcaca caaatggcct accatctttt attcttctct ctagcttctg gagagagaaa	60
tgattgttcc agtttagaat gccaggagtt tactgggtgt ttgtattttt tatctgtgcc	120
ttaaaaaaat tagattataa tgaacaagac atctttatgt tttacaggga aggaaaaagc	180
agtgaagta tgcattttcg aaagaaaagt gtgttgggaa aagagagaga ggttggaaac	240
ccaaaggaga aataaaaatt ttaagtcctt gttgcagtag ctggaggaaag tgagcttgga	300

&lt;210&gt; 370

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 370

agagtaaaaa tagaaatgtt ctttttccca gaaaaaaaat cagtaagctg gtacagataa	60
ccataccaca ttgcctgttt ttccaaaaaa ttacatttgg gtgatataca atgcaaat	120
ttgaactgca ttgacagaag tcaggcatgt ttagagagtt agtaaaactt ttcagaccac	180
agatcagcat taagtgaat actgcttcag ccactgatac cttcatggca gataagtatt	240
atactgactt ctttttagag acacttctgt tcacacacaa gacacagaat ttgttgaata	300

&lt;210&gt; 371

<211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 371  
 cgccatgttg cccaggctgg tctctcctga gctcaggcaa tcggccacct tggcctctga 60  
 aagtgtctaga attacgggca tgagccaccg catccagcca gaaagataca tatctaattc 120  
 tagaaaatagc atgcagtatc agtcatagta acagccatgt gctgcctaaa ataaaaatttc 180  
 ttgaaatggg gaattaaccc tggagtattg agctagtttt tttggtttgg ttttttgggg 240  
 ctgaacattt gggcctaata ctttgnntnn tnaaaccentt taaaaaannn aagggtttggt 300

<210> 372  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 372  
 tttgatgtaa gtgctgagaa tatttagaaa aagcgcttta aaaagcatct agagattatc 60  
 atgaaaataa ttggagacaa agtcactagg ctgctttgtg agaggcagca taccatggct 120  
 ctaaacccgt tcacaaaaaa caatgttaga gacattagga attcagggtt tgaaaatctt 180  
 tttttcgatt tttttgtaat ttacatacca aaaaaccaca ttaaaatagt cctcccttca 240  
 acatggctat cttttttcaa gttttatatg catagctctc tcagcacttg aatggaaaaa 300

<210> 373  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 373  
 ctgaaatgct gacaagatgt ggcatttgta agttgctact ctttgattat gacaagggtg 60  
 aactagccaa tatgaataga cttttcttcc aacctcatca agcaggatta agtaaaagttc 120  
 aagcagcaga acatactctg aggaacatta atcctgatgt tctttttgaa gtacacaaact 180  
 ataataaac cacagtggaa aactttcaac atttcattgga tagaataagt aatgggtgggt 240  
 tagaagaagg aaaacctgtt gatctagtgc ttagctgtgt ggacaatttt gaagctcgaa 300

<210> 374  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 374  
 cttgtgtttt cttaactccc ccagtaatag acctaactga ttttgttttg agaagttcgg 60  
 tattagctta agttttttgt cgtttataga atatcaaaat ggtatcaaaa ctgttttaaaa 120  
 ggtaaatgta catctgtagc agagcttttt actcttttcc ttgtcttctt tctctttgtg 180  
 tatatacatt gtttatagtt gtattcagta tacatgaaat tttgtgtctt ttttactcct 240  
 ctctgtataa actttctgtg ctgcaacaat gtaaattaca ttcagggtgt ttccag 296

<210> 375  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 375

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ggtaaaaagg ggagaccatc attgtggaat cttgtatttt ctattaagggt ttgtaatagt      60
cctacaaact tgaacataaa tttttaatat ttgggaagga acattcactg aagaattgat      120
aatagactaa aaaataacct gttatcaatt aatacatgat ctgtccttga acacatattc      180
accattatgt aaacctcaca ttatttcagc ttattttattc cacagatacc aatagacatg      240
ttttcacatt gtagcatctc ccaaatcaaa atacttctaa aaattgg                      287

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&lt;210&gt; 376

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 376

```

gactatgcag gtctatgggg aaaccttttag tctgctttta gaaaactcag tatctgaaaa      60
tcttaactta gcatgtgata ctgtcttattc agcatctgca gaagtgccaa agccactgct      120
agacacttaa tgtgtattat ttcattttaat tatattttta atgtgcttcc ttggtaattc      180
ttaagctcga gaaagagttt gagaactgct gctaggaaat agagattcac atttaaccct      240
gtggtacttt taagaagcag gtacgttggt gcatatatac ttgggtagag attggtaact      300

```

&lt;210&gt; 377

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 377

```

ataacatttt tgcaagtctg aaattatttc aaaatcaaaa gagactatca aattacagga      60
ttaaataana ttggattntt cccatancaa tttaatgcca tttaaaaaca atgttacatg      120
attactttatt aaaagaatgt gctngccgct tttctgctgt ctggctgact tggaggcctg      180
agattanatg gtacccttgt gttcttttngg tggtggttat aancanggat cctcancatt      240
tctctttttt gnatcttgcg attccgncct caagctattc cccacctgca cccctccctt      300

```

&lt;210&gt; 378

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 378

```

ctcttgccct gcttaacccc tctctgtgcc tcccagtggt ccctataaca aagcccacac      60
tccttgcccc ttgctaaacc ttccgtaccc ctctcaaaacc tctgggaccc cttccctggc      120
catagccttg cctctgtgtg ctcccttggc tgggaatact cttcctcctg ctccattttg      180
ccaggccagt tcctacccat tctcatggca aacatccctt cccaaaagac ccaacgccct      240
ctccaggcca ggtcatcccc cagcctcctt cctatgccct ctcaggactc tatagttctt      300

```

&lt;210&gt; 379

&lt;211&gt; 258

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(258)

<223> n = A,T,C or G

<400> 379

gggagctgca ccacaaacgt ctagctctca gcagagctgg gagcaaagcc tggccgcccc	60
ccccaacctg gggtgcctc ccactccgtg agatgcttct gtctcctgtt cactttgtgt	120
ggtagtttct tatttnccaa tgcactctnat tngatcatta ctgngacctt ggaaatcnet	180
atgntanggn nancnntnna gnnngcncat attntaaan cttttgnatn ttaagnctcn	240
tanttngtn ntctggnt	258

<210> 380

<211> 248

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (248)

<223> n = A,T,C or G

<400> 380

cccaggcctc cccgaaacca aagggaagg caggggtggg gccgtggctg aagccggctc	60
cccaaccaaa atgctgcacc aaagctcggg cgccgcgggc acggctgctg cagtctcttc	120
ccagcctggc cctggcaagg ggcgggtggg cgctgccagg cgggtgcttc tcgacgcact	180
tgtctccgga ggctgcgccc cgccgcctgg aaccgangt gggaagaacn gntngnnnna	240
nccttgtt	248

<210> 381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 381

tcaccaacca gatgagcatc gggcgcgga agctgccagc cgaggagtcc aaggccaagg	60
tggaggtgt ggtggagaag ctgggggtcc ccttcagggt gctgggtggc acgcacgcag	120
gcttgtaacc gaagccggtg acgggcatgt gggaccatct gcaggagcag gccaacgcag	180
gcacgcccc atccatcggg gacagcatct ttgtgggaga cgcagccgga cgcccgcca	240
actgggcccc gggcggaag aagaagact tctcctgcgc cgatcgctg tttgccctca	300

<210> 382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 382

cattgttgta tcagtgggtg ttgatgaaga aattgtttat gccaaatcaa ctgccttaca	60
gacatggctc ttgtgttatg aactaactga tactatcatg gtcttttgtg atgacaaaat	120
catctttatg gccagcaaga aaaaagtggg gttcttgaaa cagattgccg aactaaggg	180
caatgagaat gctaattggag cccttgccat cacactgcta atacgagaaa agaataaag	240
taataagagt agctttgaca aaatgattga agccattaaa gaaagcaaga atggcaagaa	300

<210> 383

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 383  
 ctgaaggga cccacccacg ctcttctctt cccaagagac tgagcggggc atggagatcc 60  
 tcaaagtgt cttcaacatc accctggact ccatcaaggg ggaggtgtng gaggttnttt 120  
 atgttatntt ttngntngt tntttntttt ttgngtntg tttttttttt tttttttttt 180  
 ttatnttct tntttntttt ntntttntt tttatntnt ttttntntct tntttntnt 240  
 tntttntnt nngtntttt tttattntt tnttttttt 279

<210> 384  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 384  
 ggaagacata acagtgttg tgactccaga gaaaccactt cgacggggc tctcccaccg 60  
 aagtgaacca aatgcagtgg cacctgcccc ccagggtgtg aggtcagcc taggccccct 120  
 cagtccagag aagctggagg agatcctcga tgaggccaac cggctggccg ctgagctgga 180  
 gcagtgtgcc ctgcaggatc gggagagcgc aggcgagggc ctggggcctc gccgagtga 240  
 gcccagtcct cggcgggaga ctttgtgtc gaaggatagt cctgtccgag acctgctgcc 300

<210> 385  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 385  
 actgggtttt tgttctgtgc ctccagtatg tgcataaggaa atgtgtcttt gaatgatggg 60  
 gaagtgtgtg aaacgcacta ccaaaaggag gtttcatacc ctgttcacct aattgtgtca 120  
 cagaaatcag aaaaggaaaa tctgtgtcag tgaatttcac tgtatcgtca accctccaga 180  
 ttggggggtc tgtggagtca accaaccttg gatcaaaaat atttggaaaa aaaatttgca 240  
 ttcatactga acatgtacag actttctttt cttgtcactg ttccataaaa caatacagt 300

<210> 386  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 386  
 gggaaaataa ccagttttt atctttttta gtctgggtgc ttactggatg tcaaggtaga 60  
 aagtgtccaa caaggtgctt taactatagg ttgagttctc aaaaagggtta agagggtaga 120  
 gttatagtga catcttcagc atatatagta gttgaggcca gtggaaaatt tcccattgag 180  
 agctctgaga ggaaagtatt ttagaagcca agggaaaaag gagtattgag aaagcgttag 240  
 atatcacaga aaaattagat tgggtgatttc taagacaagg atataaccgt taggatgtca 300

<210> 387  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 387  
 caaaaataat agaaaaaaa acagaatttc caaaaacccc cacctaattt atctgcctcc 60  
 tgccatcagt gccaatatac tgtgcttttc tctgtggat acattattta ggccactatt 120  
 caggggccaac cctccacct gcctactaga ggccatcacc acttgtttat tcaagggcac 180

agctccaggt agttttcctt ctcttgggga tcatcagttt ccttctgtct accaggctcat 240  
tcccattagc atgtttttgc cgcttttctt aagagataat atctcaaccc taattcctcc 300

<210> 388  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 388  
ggattatctt gatgatggtg actcattatc agtgcttttg tacttttgat tacctgtgtt 60  
tcagtattag tgtcacttta gtacttcaga tcctgcaa atttttgcag atgaagtatg 120  
tatgtatggt actaagttaa acttagaaac agaacctcat tcagttttta taatgtattt 180  
ttgcaaacta ctgtaaatag caaatcaatg ccaatgttaa acaaagagga aaacgttgtg 240  
tggactttgt tctcttgac cggtatttca ggaacatctg cttgccatcc ccacagctct 300

<210> 389  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 389  
tttttatttt gaaatacttg gctgacttac aaaagacttc ccctcacact tgacatgatt 60  
gacaaaagct gtttgcagtg tttcctgcac gatgaacacc aggaacctgg gaagtgaaga 120  
gaacctggg atgaagtcac cctgctggaa tgacctggct ttcaggctga ctgccacccg 180  
ccccatggg aacctatctc cactgctatg gccagctatt tttttcgagc caggctctcg 240  
ctctgttgcc aggctggagt gcagtgggtg aatcactgca ctgatectcc cacctcagcc 300

<210> 390  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 390  
atccctacct agaagagaat agatgggaag agaactgaaa gaaagaattc ctcaagcact 60  
gaagtcagga aaatccccgt aggcactgta ttagttgttc catttatccc agcactccac 120  
ttgtggatga aggagttgta tagaaaggag atgagaaaat ggcaggagtg gaagcagcca 180  
agaagagatc gatgactgaa gatctccttc accttcagga ctgtctcaag gggttatttc 240  
acctctactc atgaggatgg ccagtttttc tgtcttttat ctttagacct atatataatc 300

<210> 391  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 391  
aatcagtcag atatgcctag atgaagaaac aaaatggcaa tctgagtaga agaaataagg 60  
agaaaggagg agaggtgtga aaaaaggtcc tttttctgag aacaagcatt caaacagata 120  
aaacacaggt ttcataaaga aaagttaaat gtccactac tatgagtcaa aatggtgcat 180  
ttgttttttc ctgggttttg atttattgcc ctctgtttgt accccacatt cgcaccttg 240  
gcacagactg tcatatgtca cacattcagc ctctacact tccacccac aatctcttta 300

<210> 392  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 392  
 tcactgttgc agcctttttg aaggggacac agtctaggag ggggataaat gggatgccct 60  
 tgccccagag agaaccagc tctaggtact gtctgggcct gggaggcgag agcagtgtccc 120  
 aggggacttc tgggcttaca ggacagcgtg tgtgacaaaa ttcagatcta cctgaacttg 180  
 cctctggaga tgataagggc caaaggagca gtcagggagg ggcggtgagc cagagtagtc 240  
 ccagggggag acagattcct ccctcctccc cgcctgcagc tctctttaat tttttgtaac 300

<210> 393  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 393  
 tcactgttgc agcctttttg aaggggacac agtctatgag ggggataaat gggatgccct 60  
 tgccccagag agaaccagc tctaggtact gtctgggcct gggaggcgag agcagtgtccc 120  
 aggggacttc tgggcttaca ggacagcgtg tgtgacaaaa ttcagatcta cctgaacttg 180  
 cctctggaga tgataagggc caaaggagca gtcagggagg ggcggtgagc cagagtagtc 240  
 ccagggggag acagattcct ccctcctccc cgcctgcagc tctctttaat tttttgtaac 300

<210> 394  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<400> 394  
 ggctggtgga agaaaggggc attccagact agagggagca gtaattgaag agtcctgaga 60  
 gaaatgtagg agagagagag actaaagggt aaactggggt caaatctgat gaagggcctt 120  
 tattggggat ttaggcatat ctaagagtag ataaccatgc ttagtcttgt ccattagaaa 180  
 cagtacaact tagctctgta actgagtagt tgtggttata aggctgttcc aaaacagtga 240  
 gatgcacttt gataagctat gatgcctatt ttttcacata tagg 284

<210> 395  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 395  
 aatcgggccc gagagagaag gaacacactt atgggcttgt cctgaaatga aagggaatga 60  
 ggaaaactgg gtagagggca aggatgtccc agcctggtgg ctctgctctc caagaggaaag 120  
 gaatagagct ttagaagtgt ggatggccag agttcagggc agcctggctc ccaagcctac 180  
 ctaaaacaac catccattc ctagaccctg ggattgagga ctgggcagag atgaatcatc 240  
 cattccaggg aagccatagg cagaccccag acttcgggga gcacctggcc ttgctccac 300

<210> 396  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 396  
 gcactgtcat gtctctagct gggaaataca cattgaacaa ctggttggca acggttaactg 60  
 ttgggccagg cgggcatgca cgcaacatac taccacaaag ccagtgacca gctgcaggtg 120  
 ggtgtggagt ttgaggccag cacaaggatg caggacacca gcgtttcctt cgggtaccag 180  
 ctggacctgc ccaaggccaa cctcctcttc aaaggctctg tggatagcaa ctggatcgtg 240  
 ggtgccaccc tggagaagat gctcccaccc ctgcccctga cactggccct tggggcctt 299

<210> 397



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 397  
 ggtaaatacag tttggaatgt gttttcatgt actcttaagt tactcaatgt tagtgatcag 60  
 gagttccaaa ctgttggttt acagtgatag ttattaatcg ttttgtaga aagccaaagc 120  
 ctttattaat acagatggg gagattaaaa tgaaacctgt tactgattat ttagaagtta 180  
 ctccctttta ttttttaatt taggaatcat ttctgtagtt gttaattata aattataatt 240  
 acttttgcag tttatttaca gaaaacctgg gagctttcct tccaagtgtt ttctttaatt 300

<210> 398  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 398  
 ttgcagtcag gtttctgaga agtcttttgt cctctgagca gtggaaactc cctgttgaac 60  
 tgattttgta tacctgtgta ataggatgtc ttgtatttct gggttcgtta ttgcctttt 120  
 cttacttaca gctatgggaa aattccaaaa atcaaatatt ttacaagatc agtgattact 180  
 cagtagaaga tacattttta aatcatgttt aatacctaag ccaatgaaat gagcattata 240  
 tagttagagt aagctttttt taatgggttag tatttaacta tagtatttga ctaactttta 300

<210> 399  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 399  
 ctcccctaatt ccatcccccac ctgttagaat tctattttatc tttccagtct tagttcaaat 60  
 accacttggt tctatgaac tttcttaact ttccaacaca aattcacctc ttcatctctc 120  
 tattccctta gcagtttgct cataacttta ttatataatg attgcactcc aacttggtac 180  
 ttagctaatt acgtacctgc attccacact agactgcaaa cttgaggaag atgggtgctg 240  
 tggctgccct caaacgtat gtgcctccca taggacacaa gagttgggta tgcaggtgtt 300

<210> 400  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (264)  
 <223> n = A,T,C or G

<400> 400  
 atttttatgt gtttattctt attttataga attcttagtt gctggaagcc ctcaaaactt 60  
 agtcatatta ccattgggta tttattgttc cttttcaagt gagggacgag cataatcaaa 120  
 tctgcattgt acatgaccag gatttttttt taaaaaaca gtactgccct ggtggatcta 180  
 gtttattatt gagtgatat cagaaaggta aatagtttgc catgttggtg catnaaattg 240  
 nnnngnnncn ctactnattc tacc 264

<210> 401  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 401  
 gtaaaggaaa gcactaagcc attttctctg ccctctagaa gcttataatg tacagtccta 60  
 tcacaaagca gaataaaaac atgaaaccta taaatgggaa tgccataaag tatttttctc 120  
 tctacagggt cattcatgca gagggcattt attgggtgac tgcagtactg caaaagggtg 180  
 caaaggaaat ggaagatctg gtcctgtag gttgggagtt tacaatctaa ttagaaatac 240  
 aaggcatata tacgtgaaaa aactagaatc ccagctgta agcaaaagga tggagtaggt 300

<210> 402  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 402  
 ctcatcgaa aacacccaca acataacata aagattggac tctacagcct gggaaaggaa 60  
 tcaactgctgg agcagctggc cctggagttt cagacctggg tggattgag tcctcggcgc 120  
 ctggagttgg tacagctact gggcctggca gatgtgttca cagtggagga gaaggctggc 180  
 cgcattccatg cagtagacca tatggagatc tgccattcca acatgctgcg ttggaaccag 240  
 acccaccta cgattgctat ccttcccaca agccgaaaaa tccacagctc ccaccctgat 300

<210> 403  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 403  
 gtttagaaac tgattctaga catttaagtt ccagactaa tgtcacagaa gctaataaat 60  
 tgcagagggt aattggaagc ctggtcttaa cactcccagg ttatcttaat gagttcatga 120  
 ggatggcata tggataatgc acttcaaagg gtgttgtaag tattaactaa gttaatacag 180  
 gtcaaatgca tatattagca ctcaatgcac ggccattgat caataaatgc tagtggttct 240  
 gatcagtgag aatctaact ctgcttaaat acctttagtc atcagcagct tccactccct 300

<210> 404  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 404  
 aaaagtctcc caccttttct cctaaaactt ctctccttcc tctccataaa aagaaaagga 60  
 aaggaacaaa agaaaaacat tcagtttttc tttttctgaa aaaggtaagt cctttcctga 120  
 agtcatcaaa tgaaacatta tctggaaatt agtttctaag gttgtatatg aagaaatact 180  
 taaatataag ttctgcagc atttattaga tagttgtaac tgtaaaactca cctccctagt 240  
 agataagagt ttcagggttaa atactggaac atatattaggc agtcaaaaat actactttta 300

<210> 405  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (295)  
 <223> n = A,T,C or G

<400> 405  
 aaaaaataaa agtaaattct aggcaagcta aagagtgaaa tgtatcatca cataggagga 60  
 agtgggggaa aaaagtgaaa tgtaagaaat gaaatgataa gaagaactta gtgggtattc 120

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gtttgatttt ggaggcactc taggaaaatt ctgccagatt gtactacatt taaaaaaaat    180
tttttttaac ttttgtgtgc ttcagtttgg ncatagacna atgaaaaggc acatcacana    240
ctaanangaa aatcagntcc tataatgat aacgggttaa tatngttnta tatgg          295

```

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<210> 406
<211> 165
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

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<400> 406
atgcgcttat taggtatttt atctttcaaa aatatatgta cccaactgtg tttgtttgtt    60
tcttgactgt gaacactgaa gaggactaga tcaaaaatga ccaattgagt agcaattgaa    120
catttcagct gctgngtgca gtgaacttct gtagcaccca aattg                    165

```

```

<210> 407
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 407
gctgagatca cataagtaca gaatcatgac cttaatgggt tgacagtttg gaagcaccct    60
ggcaacaagc catttcagtg gaatggtaga aatggaaacc acgctgggtt gagaagttag    120
tggatgtgaa aatatggggc ctctgaatgg aggtaaccct tgaaaaattc cactgtggag    180
aagaaaaggag agagagaggg ctggaatttg gaatgaaagg agatatttgg gattatttta    240
gtaagaaaac agaggtgtca tgacctcagt gtaaccctat tagctgcaaa aaattcttca    300

```

```

<210> 408
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 408
gggagcctgt cactgcttga gacagagggc aaggaccacg gccttgaact cagcatccac    60
aggacgcccc tcttgaggga ttttgagctc gagggagtgt gccagctccc agaccagtgc    120
cctcccagga acagcatgcc taaggccgag gaagcctctt cctggggaca gtttgggttg    180
agttccagga agagagtcct gttggccaag gaagaagctg accgtggagc caaaaggatc    240
tgtgacctga gagaagattc agaagttagt aagagtaaag aggggtctcc aagttggagt    300

```

```

<210> 409
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 409
cttgtttctc tgaggaagct gaattaatgg aaagtttctc ttaaaactta gaatatattg    60
tttggcaatt tctgctgtgg gcctaataatt gcagaatcaa agttggagct acatcatgta    120
gcacttgctt caataagatt gccttagtga cacaatgcaa aaggttacag acttttcttc    180
aagttacat tccccacaag ggcctgtgat gaaagaagaa aagagaagca agaaaagaaa    240
taagctagat acttccccag cacttggacc ttcaaaattt gtacgatata gggagacact    300

```

```

<210> 410

```

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 410  
 gctatccctc ctccgtgtcc accctccaga ggtagtctct gttacccttt tatttataac 60  
 ttttatgggt tttttttctg tatttataca aatcgatgca caaagagggt tctcttctct 120  
 cataaaagtg attattagtc ttcagtgtgc ctttttttct cctaacaaat gtaaaactggg 180  
 agcattttcc caagtacata tttataatac ttacgggtgcc tatctagtat tctgtgaata 240  
 tatactgtta attnattcct tcccattgnc ngacttacct tgnttccatg tattgccatt 300

<210> 411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 411  
 gtttagtggt cctccactgc tagaaathtt ggttggtcct gatttttatt ttccctttta 60  
 taaatgtctc tttgggtgaac gttatttagac ttacagtata atccagtga tacataagcg 120  
 aatgaagaca gtaaccctca aacagatgtg tgtgtggcat gtacattaac tgctatcctt 180  
 tcagcacttt gttttgttga aatggccatt tccattatgt tcaggaaaac tcattttggg 240  
 aagaataagc aataaatttg taattaatga aatctgggtc agtttttcag tttgtccagg 300

<210> 412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 412  
 gacagaatgt gcaaattaag tttgaattaa tgtaactaca gaattagata aaatcttacc 60  
 tgagtactga ggattttgtg aaatgttaga acctgggtgta ttgggcatta tgaacattaa 120  
 cccagggaag cagttaggtt tgaaggaagg tatgggcagg agcttgacag atgctggcaa 180  
 cacatattat tagatgtttc tgtgccattt ttatagtcaa agtgtgttca tgggaaaact 240  
 aaagaatttg ggacagtga caaaattaag tcgtatttta gtaaattaat taaaaagttt 300

<210> 413  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 413  
 gctatccctc ctccgtgtcc accctccaga ggtagtctct gttacccttt tatttataac 60  
 ttttatgggt tttttttctg tatttataca aatcgatgca caaagagggt tctcttctct 120  
 cataaaagtg attattagtc ttcagtgtgc ctttttttct cctaacaaat gtaaaactggg 180  
 agcatttttc caagtacata tttataatac ttacggggcc tatctagtat tctgcgaaca 240  
 tatactgtna nntnatncnt nnggattgac agacttacct ngngtccatg 290

<210> 414  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 414  
 gtacagcttc atcactgggc cagctgtaat accagggtac ttctccgttg atgtgaataa 60  
 tgtggtactc attttaaagt gaagagaaaa agcaaagatc ttttatgcca ccagtggtt 120  
 actttatgca caaaatttag tgcaaatca aaaactccag catcttgctg ttgttttgct 180  
 cggaaatgaa cattgtgata atgagtggat aaaccattc ctcaaaagaa atggaggctt 240  
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<210> 415  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 415  
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 aaaaaaatgt ttaaaaagggt tttggcctcc atctttccta gatgctctcc tgaaatgtct 180  
 gacccttgat tattgtcat gtttaagggt agggaaactaa aattatgaaa cttctaagtg 240  
 tggggattgg gttttaccag ctatgagcgt cagtgtatag caatctggct gtactgtgtg 300

<210> 416  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 416  
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 ccctgggtccg gggtgcgac tgtgtcacat ggacaggctc actgggttatg tgctccacca 120  
 agttatatgc acaaagcttt tgacactaca gtcccgcctc tggaaataac cttccctatg 180  
 ctgcacaag attcaaagat gggcatttac catagacca tctaatagca aaaacaacaa 240  
 aaaacacccc aaacccaaat cctgaatatt cgtgaagaga ggaatggtgt taggaagtat 300

<210> 417  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 417  
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 ctncnntcc ccgctcnc tgcctgcnc cncaccatan cctctnncac cnnncacntg 180  
 nccnaccnc gncccantcg cncncancg cccctccac cntccccacc cncctctct 240  
 nctcccccn annnanntcn cncatcntnn antcnnccan cncctccacc tctgtctc 297

<210> 418  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 418

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ccgcctaccg	caaagcggtt	gagagcagac	tagccagcag	tgggtgctctg	agagtgaacg	120
agcacctcca	ggtggagggc	cacagcaacg	tctacgccat	tgggtgactgt	gccgacgtga	180
ggacgcccac	gatggcctat	cttgccggcc	tccacgcca	catcgccgtg	gccaacatcg	240
tcaactctgt	gaagcagcgg	cctctccagg	cctacaagcc	gggtgcactg	acgttctctc	300

&lt;210&gt; 419

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 419

ttttacgatt	ctaaaatcct	aacagatttt	aacagttgct	taaatattat	ttcttgcat	60
atatagcttt	ttaaggctgt	gggtcaaaga	tagatgtact	catttgagac	ttagtgattt	120
gttttataag	tatgttgaat	aagttgagcc	agtttgaatt	gtgtccttct	cttttaaga	180
aaagatttcc	caaatttaaa	cctggattta	gatgtttttt	gggttaaccc	tactgaactt	240
tccaaaattt	tcaggcttct	gggcctaact	caaactgtaa	tttcatgagg	ccggccaagt	300

&lt;210&gt; 420

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 420

attacacttg	aatatttaaa	aacaaaactt	ttaaacttcc	tataggttta	tgatgtttgt	60
tttcatttat	atggacataa	tccttcatag	ctcagtttat	atgccattgt	tgtattagaa	120
gggatcaaaa	tcctatggaa	caaagtagtc	ttggcaagtt	ggcagtttgt	gtcctctcag	180
ctgtttaact	tatgtaatgg	atgttttgca	cctgaaaaca	ctataaaaat	ccagtgggtg	240
tttaaaaagt	ccatttgtca	ctaattccat	tcaggttctc	caaccttctt	cttgaatata	300

&lt;210&gt; 421

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 421

agatagtctc	tgaatttaga	actgggacga	aagtgtacat	aataggctat	tataaaattt	60
ttagaattgg	atttctaaac	ttggggtcag	tgaatctagc	aggtttaagc	agtgttctca	120
ggttttcttg	gcacagacaa	ggaatataag	aggaggagag	aaaaggagag	acagtagtgg	180
gaggggaatag	aatgagagaa	gatagaaaat	atggaattaa	tagagaaagg	atacatgaag	240
tattacaaga	ttttcttgga	aaaattggca	tttcagtgat	ggatcaaaga	tgtctaataga	300

&lt;210&gt; 422

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 422

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gcccagtagc ctcccacctt tgaccggtac caaggaaga acacctacct ggagaagatt      60
gacggcttcc gagcctatta caagcagtgg ctgacagtga tgcccgacaga ggaaaccccg      120
cacccttggc agaagtccg gaccaagccc cagggggacc aggacaccgg caaggaggct      180
gatgacggat gtgcccttgg gggcaagggt atgggagcac agcttggaac aatgtgctcg      240
gccccagtagc tttgtggaan cccnaggnc nttacnttgg ggtnacctct ggcctggggg      300

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&lt;210&gt; 423

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 423

```

gctaattcag catcttcagt agcttctaaa aaataagcat catcaatgcc attatcccag      60
acagcatcag cagatgcacc tgttgacagc ctgctagggt atggtttatg aggattctgg      120
gtttcattgc tctagtttc atctgcttca tctgttgtaa actcttcttc ctttatttca      180
gtgtgaagg gatagagagt gggataggaa aatatttact caggatatgt gatttaacct      240
tatactctat gttgaagtaa ggtattaagt gacagatact aaagtgaata tgcaggagga      300

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&lt;210&gt; 424

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 424

```

cttttcctc ccaaagttct gggattacag atgtgagcca ctgtgcctgg ccttattcag      60
atcttgaaaa ttcttttgc cgtataaggc aacatattca caggttccag gattaggcca      120
tggaacaatt tggggaggta attattctgc ccactacacc ttggggaggca ttcatttgct      180
cacctttact ttctttcctc tccctgtctg tactgatacc atggatagtc tatcttctct      240
tcacttcctt ctccaggaat ttcatttatt ctcatatatt tgatatttaa tgaggatgac      300

```

&lt;210&gt; 425

&lt;211&gt; 259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 425

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ggggagccag agaagagctg tgagcagga agggataggg tcaactctag tgacatcaca      60
ctgatggaca ggagataaga ggccagggag gaggtctggc ggagagtcca gagcgaaaag      120
tgagtgccca gctctcactt ccttatgtct ctctctgctt cttacggccg ctgtccctga      180
atgtttcttc cctgtctggg tctgggctgt gggcttctct cagagggctg ggggggtttc      240
acccttttt tntncnta

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259

&lt;210&gt; 426

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 426

gacagaattc acattgggat ccagtctttt cctcttatga atgggtctac cgccaggtga	60
cgctcaattg cacgaagctt acccttattc atatgaggan ncnaccnaan ncacattngc	120
attnatgtnc ctntnngatn aagagcgcnt gcnnancctt cctntntgc ccngcagacc	180
cncactnntn ccacttcca tgccnnnt nccatnangc tnacntttnc gctncntctg	240
acggctncnt ttgccctctg tcccnanaca nncagcnggn tncaccanca ggaagctttt	300

&lt;210&gt; 427

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 427

tgtttttggt tgggaggtat ttctgaactt aaaaaggaaa attgcaaacc attataggga	60
ctagtgtgcc tttggaggaa aaggaaaatt gcaaaccctt ataaagacca atttgccttt	120
ggaggagaaa gccaatttat catccaaaat cctcagaatt ctcaaataca aaaagttctg	180
aaaactgaaa gtttcttctt aagtttggtg gcaaaaagtta tttatagtct tgacttatcc	240
catttgatgt gaatctgctt acatttcatt gcacaaaatg tttctgtgat tgtgaaatac	300

&lt;210&gt; 428

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 428

gcacacacac gcacacattc cgaagttgac agactaacat acacacagac atgatgacaa	60
ccaaaagctg ggactccaca cactgaatgc aggacttttag gcggggggca gagagagaag	120
gtgctggggc acaagaggca agggatgaa gtccctccaa ataggagtgg agtgccaact	180
gcctgcctc gctccaaaca cctgactcct gggccatggc aagagtccag tccattaagt	240
gcagcgtgca atactagcgc ttggagtctc ctgtcctcat caatgaagcg gtgtggacgg	300

&lt;210&gt; 429

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 429

agatcactca aaatttgcac gtgaagaata taagcagagc atcggtagca ctagtccagc	60
ttctgttaat cattttgatg atttatatca acctattggg agttcaggta ttgcttcac	120
tcttcagagt ctccaccag gaataaaggt ggacagtcta actctcttga aatgcggaga	180
gaacacatct ccagttctgg atgcagtgtt aaagagtaaa aaaagttcag agtttttaa	240
gcatgcaggg aaagaaacaa tagtagaagt aggtagtgc cttcctgatt caggaaagg	300

&lt;210&gt; 430

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 430

ccacgatgag gaggaggatg agtatgaagc agaggatgat gaagaggaag aagatgaagg	60
cagaaaggat tcagatactg agtcatcaga tttgtttact aatttgaatt taggaaggac	120
ctatgctagt ggctatgctc actatgagga acaagagaac taggggagct gctctgggtg	180
ccgtgtgtga gaggagcagg agtgagtgtg tgtgcttgat gaattgtgtg tggttgttca	240
aaagtacctt agccacttag ccttgtgcag aagactagtt acacttaatg ggccaagcaa	300

&lt;210&gt; 431



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 431  
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 tgtagtatgc ttttttccta taccataac acagtgggag attaaaaata attttgtagg 120  
 gtaggaagag aagtggatag agagccagga gatctagggt tgggtgctgc tggtcctgca 180  
 gtttaagcagg catatgtctt tgggcaagtc atttcacttg ttttagattaa ttttctcact 240  
 tatgaagtga gggatttggga ctgcttagcg aggtactttt catctctaaa atttatgaat 300

<210> 432  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 432  
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 tttgtgaact ggtgtaaatt gttaatgcat ataagcttgt gtatttttgt aaatagtttt 180  
 gtgatttatt tcttgcccca tatgtaaaata tttagagtct catttcttgc aaacttattt 240  
 gaagctgagt tgtgggtttg ggttttggtt gtttcttttg ttgcagggtg ggggtgggggg 300

<210> 433  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 433  
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 agcaggctcg gaaggtgctg gcctacgcct gcgtgtacag cttctacagc caggacgcag 180  
 agtacatgga tgtggtggag cagcagacag agaacctgga gctgcacacc aatgccctgc 240  
 agatcctcct ggaggaaacc ctgctgcggt gcagagacct ggccctcctcc ctgcgcctcc 300

<210> 434  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 434  
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 ccttttctac accaccatgg tacctcctag atgaagctga attttgcctc taagctacta 180  
 gtcttcacaa tttagtttac aagtcactctg gggcataaaa accagacacc tagaccttat 240  
 gtagagattg ctacagcaca ggaacagggt tcttagcaag catgacgtac aactaagatg 300

<210> 435  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 435  
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 ctagtttgcc tttggaggaa aaggaaaatt gcaaacctt ataaagacca atttgccctt 120  
 ggaggagaaa gccaatattat catccaaaat cctcagaatt ctcaaataca aaaagtctg 180

aaaactgaaa gtttcttctt aagtttggtg gcagaagtta tttatagtct tgacttatcc 240  
catttgatgt gaatctgctt acatttcatt gcacaaaatg tttctgtgat tgtgaaatac 300

<210> 436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 436

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ggaggagctg cagggacgac cgggagcttt cccagtaagc atcagttcag aaacaaatct 180  
aagtaaagaa atggaatctg taatgaaaga tataaaaaat accactcaga agaaatatag 240  
agactatagc aagaccccgg gctcaccaga caatgatctt ctctttatgt actctgttgc 300

<210> 437

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 437

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ttgaaatgca ttgtctatag aatatccact cagtggataa taatatatac cttgtgatat 180  
gtggatatag atctcactaa tttctaata tgctttanaa tttngntact nccgatggtn 240  
tggnatgngt cttngnaacn nntnnntnat tgggtgtt 277

<210> 438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 438

gaagaactgt atgtcaaata attcaaaagg ggcaaaactg aatgtagtta tgtgggaaag 60  
ccttcagaaa taatttaaat ggcactgttt atcagagtat gtatgccgag gaaaactaag 120  
aatttagtga gcttataaaa ccatggtagc caggcgtggt acgtagctca cacctgtaat 180  
cctcccaaag tgctgggatt ataggcgaga gccaccacgc tcagttagta tgacattttt 240  
aaaagaacag tataaagcat aaaatatccc atgtggggca aactcccaga ttattttcct 300

<210> 439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 439

ttttttttga attattgaga atatttcttt ggaccacaa ctataaaatg tgaaaaaaaa 60  
taaaaagtat gccaaaaggg ccacgtgttt ctacaacaca cgaaagtaaa gaataatact 120  
gcatgtctaa tatgcaaata aaatgtctct gccaaaatat cacaacttaa aatgccatta 180  
tgaacaaaac cacagaaaga ccttatttgt gttacatacc aggaacatac caaaatttga 240  
atgtctgata cacacagtga ttcacataag atgataaaga aacaaatgga tattttgtga 300

<210> 440  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 440  
 aaaatattta acttataata atcaaggact caaaagatga aaaatagaaa ttacaccatc 60  
 ccagtatttc aggtataaca cagaattagt aagatactgg caaaaatatt acaatgtata 120  
 tatttgtata gagaaggaaa atgaagagac tgcattgtcta tacctaccaa acgaaactac 180  
 ctgtgttctt tgcattcatta ttcaactggc agttacacat atttcattct aaagtcacgt 240  
 aaacctgtgt ggatattgtg aatcaatagg gatattgaatt acataaaaag aattttgtgt 300

<210> 441  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (256)  
 <223> n = A,T,C or G

<400> 441  
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 ggaaagtcc taccaaatat acatgtataa agtttattaa aagtcataat gaccaggaa 120  
 tagctaata cacagaagta gatcaaaaata gaacacanta gagaacttna nantaaaaca 180  
 ggcgtnnnaa ttntgtncnn nnctnnttgc nnnngcnntn tcaccnctng ccngcncnn 240  
 cncnctgnc nntcnc 256

<210> 442  
 <211> 187  
 <212> DNA  
 <213> Homo sapiens

<400> 442  
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 acggttgaaa gccttactta tgatgacaca tagggaggca ggtgcatatc ttacaattct 120  
 agacacttgg ataccttggg aaacctatatt gaaagttacc ttgatttctt tctttctttt 180  
 tttttttt 187

<210> 443  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 443  
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 gttaagatcc ttgagaaagg gctgcctgag gaactgacct cttaaagatc tcaggatctt 120  
 taagacaaca agtttaggtc ctactggagt tacctgccag aatggcctct taattaactc 180  
 aggtaatgaa gagctaactg tggtataatc atcttgcttt tgacctgaatt tggagaaagt 240  
 attataatta agttcccagt atcagaaatg tccttacata agattaaaat atcttgatga 300

<210> 444  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 444  
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 catgagactg cctgctccat gttgtatgtg gggcagatgt gggagaagga tgggtgggaag 120  
 aatggcttcc aaactgtcga ttgatcagat aaacaaggga ggatgccagg ggataatgcc 180  
 aagaagaggt gggtaaagaa aggaaaggaa tccacaaaag ggaggagggg agtgcagggtg 240  
 tgcattgtgt ctgaaaagtg ctcattgcaca tacagtttgc ttattattta aaaacttact 300

<210> 445  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 445  
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 ggaacaaacc ctgcaggttc taagaagact cttcccggtt gatcgtggat tatttgagga 120  
 taaagtagcc aatatttggt gcagcttcaa tgtctttctg aagattaagg atattttgcc 180  
 acgtcacatc caattaataa tgagcttttg ttttacgttt ttgagcctgc ttctgcatg 240  
 cataaaatta atacttcagc cctcttccaa aggattcaaa tttacactgg ttagctgtgc 300

<210> 446  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 446  
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 tctaattctac agccagaggc caaagagaag gaatgtggag actctctgga gaaagacagg 120  
 gaaagatgga gaaaacatct gaagggccccc ttaaccagga aatgtgttgg agcttcacag 180  
 gaatgtaaga aagaggcaga cgagcagtta attaaagaaa caaagacatg tcaggaaaat 240  
 tcagatgtgt ttcagcaaga acaaggcatc tctgacttac ttggaaaaag tggaattact 300

<210> 447  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 447  
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 agaattctct tttagagttg gtctacatcc ttttaaaaca tgggcaatcc aaatttataa 120  
 cagtaaatta agatacataa aaaaaaacac tggctaaatt taaaaggaaa cacttctaga 180  
 atatactgta ttttgacaca agaccagact gtgctatgtg tatgtggtgt ttcaagtaat 240  
 ttaagaaaac tggttgaatt ttctgtattt ccagtttcac aagaaacaac ctcaaggagg 300

<210> 448  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (285)  
 <223> n = A,T,C or G

<400> 448  
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 atgtgaggaa cttcttttct tttnttttnn ttonttttn tnnnnngnttt ttttgaanct 120

gnttnngttt nnntntana nggtncatgt ttagctgnnt tttttttttt tttttaatnt	180
ggnaanttat ttgnngnttt tgnagngan tttttntnn nnttttatan gttntnaggn	240
ngnancccn tttntcnnt ttttttnna aaattngngt ttttt	285

&lt;210&gt; 449

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 449

gaaaaaacca atttaataga aaagataggc tttgcttcag gaagctgggt gagaagaaga	60
aggaaaaagt cgattctact gactgacgtt tccccctgct gttaagaatc ccaaccacac	120
actttcacac actattccag gttctggcta ctgaatgac ccacagctga ggtctattgt	180
catcgctcca cttctatttt tagcagcact aaaaacattc ccaaaaaaaaaa tgttttttag	240
ctttttaact gtagattcac cactaagaaa ttggcattgg aacagtcac agagcttatt	300

&lt;210&gt; 450

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 450

cagctgccct ggaggtgttt accatgtccc ccattttcca gaaggcgaag ctgggacatg	60
gattaggtca gctgtccaag gtcattggagc aggatccaaa ggaggcctgg agagtccat	120
ctgtctggcc cttctttgt gctgcctcta gaggatactg ggggaagctc ctcttgctg	180
actctgccag gatacccttg gccatcaagt gctcagctaa gccacagtgc cactctgggt	240
caggccgacc tgggccagc tgtgcaggat gaggtacagg aggcagctgc cacagctgct	300

&lt;210&gt; 451

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 451

ggtaattaat aagcagacaa atcagaaaca atatagaaga tctgaaaaat agagttgacc	60
agctctaatt ggtccctgta tccaatagtt agagatgggc attgttttta ggcacatgtg	120
aaataatggc cccccgttc tggccagca gaaattatat acttggaac aagtctcatc	180
acattttaaa taaactgtca aaaagataac attctcatgt ttccgcaatt taattttaaa	240
atgaaattaa attttttga aggtaaaata cattttggaa atctaaactg ttttaactctt	300

&lt;210&gt; 452

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 452

ccattgttag catcgtacac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat	60
actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg	120
aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa	180
aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgttttagg gttaaagtac	240
tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta	300

&lt;210&gt; 453

&lt;211&gt; 286

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (286)  
 <223> n = A,T,C or G

<400> 453  
 atcgtatttta ttacttgttg tataggggta gaaaagagga ctgtcaatac aacaagtaat 60  
 aaatacgata tatatttcat atatagaaca ttagaagggt aaagctctac agaaaaaaaa 120  
 aaangngngg caaggccggc cncaggggct nacncctgna atcccagcnn tttggnaggc 180  
 tgaggcaggg aaatnacctg nggncaggag ttcaanacca gcctggccaa canggggaaa 240  
 cntgtntnt actaaaactn caaaaattac ctggncatgg gggagg 286

<210> 454  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 454  
 cagattttcca aattgttaac actttgctgc atctgatgtt ttccacctct attgtatgtg 60  
 ttttttttct ctaagccaat aggagtaagc tacaggatat gacacctctt gacctcttaa 120  
 tatttcagtg tatttcctag aagcgaatgc attatcctat atagtcacag tgccgtgaac 180  
 cacaccagga agttagtatt gccaccaggc ctacactgt gtgcagtgtat gtttcacagg 240  
 ctcaccact gtatatagtg atatttctag tccccttcag tcaggaacgg tcccttgct 300

<210> 455  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 455  
 attgcctccc agcttgggag catccaaagt agaaccatga ctgggtcatg aaatgggtta 60  
 atttggtttc ttctattaca gggcaaagtt ctccctgtgg actgagaaat aaacatatta 120  
 taaaagttag atagctcat agaatagaaa tcaaagagta aaaagtattg agtgtaaaaa 180  
 acaagtgtct tttttccccc cagtctaact cccagaagt aacctttttt attttttatg 240  
 ttattttttc ttaccttcaa ggaaggagaa aagtaacctt ttttgagttg atgcgtatcc 300

<210> 456  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 456  
 gagggaggat cccctgggtt gtgcatatgg cgggaagggg tattccagga gtggaggatg 60  
 tcagcagggt gggaatggga tcagtggagg gagggaggc agaggagtca gaaggatcta 120  
 agggtagggc tgaaggtggg aaaacaacct gtagggtgtt ttaggacacg gaaagggcct 180  
 tgactttgct gccaacgaag atgtgaaggc tccaggcaag ggtaacaatc taacttacat 240  
 tttatgaggg tcctgtggca gctgtggtga gaacagactt taggggtgct gaggtggatc 300

<210> 457  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 457  
 gcccgttctc cctttcttgg ttaaacggat gaagaaataa aaatgccatt ttcatttgta 60  
 aacttgtatt tttgtattta ttttaggag tataaaatgt acttatattt aggactacaa 120

aaatgtacct	gggaagggtga	cgggacctct	atactcaggt	taagtctcga	ctgcacactg	180
acaggagtat	gtagaccatt	ccatttcctt	gaagactcag	ccttgttagt	atcaggactg	240
gtcggcagat	gtgcaggaaa	aggtggcaag	aaagtgcagg	ttctagaagc	cgatgatatt	300

&lt;210&gt; 458

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 458

actggcccaa	ttaatatcca	tgccctgggag	tattagatag	gtgctccaaa	aacaatatag	60
atcctatttc	caaatgagga	ggagtggatg	cagagttaga	aggtgaaaaa	aaaaaatgtt	120
ctttatagtg	ctccagtttc	ctttcttaga	aaagtctaac	tactgattga	ttgattgatt	180
tacttattta	gggttggagg	tgagatttcc	attgacaatc	agaaagggca	agtttgattt	240
gtcttttcat	cctaaaagta	gcaacaagtg	tttgcaaaag	gctggctctt	tgttcagtg	300

&lt;210&gt; 459

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 459

gagatgtgtc	atcctgggtga	atgtcccttt	aactgcaacc	agaaggtaaa	acttaaatgt	60
ccttgtaaaa	gaataaaaaa	ggaattgcag	tgcaacaaag	tacgtgaaaa	tcaggtttca	120
atagaatgtg	acacaacgtg	caaggaaatg	aagcggaaag	catctgagat	aaaagaagca	180
gaagccaaag	ctgctcttga	agaagaaaaa	cgaagacaac	aggctgaact	agaagctttt	240
gaaaacagac	tgaagggtcg	tcggaagaag	aacaggaaaa	gagatgaagt	ggcagttgag	300

&lt;210&gt; 460

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 460

ttttatataa	gcagtactct	ttctcagttt	ctcttgaaca	ttcaactcat	tagtgagtgg	60
ttttcccccag	tcatttccat	ttttctttat	ttggctctga	tagttttctg	tttttgtttt	120
tcagagataa	tcctttacta	tactaaattc	tacgtgatta	tattttccac	ctctatttgc	180
ctatatattat	ctgctgtctt	ttccttttcc	atatatgggc	ttattttttt	tttccctctt	240
cttccttttc	taccttttgg	atttaaaaag	ttacttagga	ctgagtgcac	tggcttacgt	300

&lt;210&gt; 461

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 461

gagatgtgtc	atcctgggtga	atgtcccttt	aactgcaacc	agaaggtaaa	acttagatgt	60
ccttgtaaaa	gaataaaaaa	ggaattgcag	tgcaacaaag	tacgtgaaaa	tcaggtttca	120
atatgaatgt	gacacaacgt	gcaaggaaat	gaagcggaaa	gcactctgaga	taaaagaagc	180
agaagccaaa	gctgctcttg	aagaagaaaa	acgaagacaa	caggctgaac	tagaagcttt	240
tgaaaacaga	ctgaagggtc	gtcggaaaga	gaacaggaaa	agagatgaag	tggcagttga	300

&lt;210&gt; 462

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 462  
 ccgtggcccg tgggggatac agaggcagag gaggtcttgg tttccgtggt ggcaaagggc 60  
 gtggtggcgg cagaggtggg accttcactg ccctcagag atttcgcggt ggattcagag 120  
 gaggtcgtgg gggccgggag tttgcggatt ttgaatatag gaaaaccaca gcttttggac 180  
 cctaaaaggt ctggattgat cgtactgctt tctgaaagaa agacgtcaaa gctgctgcat 240  
 agtctacaaa cnngtctctg aaaatangtg aatttctagc tcttcattggt cctgaacatt 300

<210> 463  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 463  
 attggagtga catttctcac gtgtgaattt ttcacataac taaaaaaca acctaaaaaa 60  
 aagtttagagt taaaaaata gtaatacctt ccttttaggc cagttgcggt ggcttacgcc 120  
 tgcaatccca gcactttggg aggccggcac nggtggataa tttgatgtca ggaggcttac 180  
 cagcctnngc agctggngaa nccctatcan acctgannan nnnngmantn tntgctcatg 240  
 nggtcttcaa ntnttttttn tcttntgctt ngntaccant ngncactgct ccatgttaaa 300

<210> 464  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 464  
 tgtacttaac tgttgtgtga tgtgtgcttt tgtaggcat cactgtgccc aagtatttca 60  
 tgttcattgt aaagaggaaa aatacagatt tctctataat gtcaccactt atttctaatt 120  
 gccacttttc atcttgtgga aatgccatgt tttgattcag tcttctgaat ttgaacatta 180  
 ttcagggttat ttccaattgc tgggaatc cttactgcta aaataaatc ttagcattgg 240  
 aattgctagg tcaaagatta tgcattgctt ttaagggtt ttgaaatga ttgccagtct 300

<210> 465  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 465  
 aatatcccca aataacatgt cttacatggt tggtaagact tactgtaccc tgcctagaa 60  
 gatagaagat gccctgccct tagaagacaa agagactgta gagctatgcc ttctaaatct 120  
 taagccactc ttcagataat ggatcccttc atggtcagcc caaacatctc aagaactttt 180  
 aatttgtacc gtttgtcttt tttccattt atttaatacc acaaatcac tttattatta 240  
 tgaagccaat atctacatct tctcaciaag atttctctta gaaatgcaga actggccggg 300

<210> 466  
 <211> 300  
 <212> DNA



<213> Homo sapiens

<400> 466

```
aggacatgaa aaggagtgaag agttaagaaa ccttagctgt agtgtttgga attaacactt    60
gggaagtcac gattgacaaa tagagaaata taaatttggt ttatatcagt tatatatata    120
tatttataac tgatataaaa caaattagat tttagacatta gaaacacata tacacatact    180
gtaatatgta ctttcttcat tctctttaac ctatatcttg gttttaagtt tcctggagcc    240
cgtggagtaa tgggacagga aggtcagag ggtctcttta ctgatagtta agatacaaaa    300
```

<210> 467

<211> 279

<212> DNA

<213> Homo sapiens

<400> 467

```
cgggttgag cctggcgtag tcatggccgc cttccgcgac atagaggagg tgagccaggg    60
gctgctcagc ctgctgggag ccaaccgcgc ggaggcgag cagcgacggc tgctggggcg    120
ccacgagcag gtggtggagc ggctgctgga aacgcaagac ggtgccgaga agcagctgag    180
agagatcttc accatggaga aggaagtggc ccagagcctt ctcaatgcga aggagcaggt    240
gcaccaggga ggcgtggagc tgcagcagct ggaagctgg    279
```

<210> 468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 468

```
aaacaagcga cactctagtg gtgatgggaa tagtaaatga aaaagtgagt agatggattt    60
ggacaacata aagcaacaaa atttgagatg gttgaatgag ggccggaggc catgatgaaa    120
agggcacttt ggaagggtt ggggtggaag ggaatatatt ccgggtgggt gtgagctgtt    180
gggcttccag gtcagctctt ggccatgcag ccatgcctgc aggatgatca gaagtcacgg    240
cacctcatgg gaaggttaag actggagcaa agcttttcca aggtgagcat attcagcgtt    300
```

<210> 469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 469

```
cttgatatca atggcctgcc atatggtctg tgtgccggct gcgtgaatct cagtaagagc    60
gccagcccag gcattaacgt ccctcccgcc acgaatagac caggcttggg ccagaatgag    120
aatctgagtg ccattgaggg gaaaggcaag gtggggggac tgaagacacg ctgctctagc    180
tgcaacgtta agtttgagtc tgaaagtga ctccagaacc acattcaaac catccacgan    240
agctngtgcc atacngcaac ngcanncngt tnaaaanccc caagtatncc antgcccaaa    300
```

<210> 470

<211> 292

<212> DNA

<213> Homo sapiens

<400> 470

```

gtgaaatgat ttgctgcact gcaagggagg tgagtgcagac caaggaacta caccacacaa      60
gatcccttcc aagggctctaa gttgcttctc taatcagaaa cctctcaaac ctttgcgact      120
gtgcacatag gtcccatgat ggctttggca acatttacct gggaccaggg tgaacttcgt      180
accatgtatt gcatatgaga aaagaaaaga atgtttgtca aacaaaccac tatgttttat      240
tttattttat tttagtgttg ctggtagggtg tgtagtgagt tctcagtgtg tg                292

```

&lt;210&gt; 471

&lt;211&gt; 256

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(256)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 471

```

gctctttact tggatgaacac atattgtaag aatgtgaact gatgattgga aacattactt      60
ttgacaagtt cccatacttg aaatactaca aaaacatcac ctaacaagca gaacaacat      120
gaatgggtag acattgatta aacattttaa aagaaacaaa aaaggagat ggcaaaaaa      180
aaaattgttt acatctgttt taattgattg ggtgattcat taatcattnn ttgcttataa      240
nnmntacntn ntcta                                256

```

&lt;210&gt; 472

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 472

```

cacaggccct tttgtgatgc gttccacgtg taggagatgt ggtggccgcg gctccatcat      60
catatcgccc tgtgtggtct gcaggggagc aggacaagcc aagcagaaaa agcgagtgat      120
gatccctgtg cctgcaggag tcgaggatgg ccagaccgtg aggatgcctg tgggaaaaag      180
ggaaattttc attacgttca ggggtgcagaa aagccctgtg ttccggaggg acggcgacaga      240
catccactcc gacctcttta tttctatagc ccaaggctct ctgactgact ccgtcccaga      300

```

&lt;210&gt; 473

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 473

```

gcagttttcc agctctaagc accggcaaaa gaggaagct ttggcactgc taatcctcct      60
ttctacacaa cctccctccc tcctgcccga gttectcttc gcacttgctc tgtttgcct      120
ctcacctttc tctgtcaaaa tctgcacttg gatatgagcc taggatcagt catttgacc      180
ttaatttcag tgtgtgtgct tcctttgcct caaattgtgg caagaaaaat agtcgttctc      240
cattaaagca gtatcagcta tccttgagca caagtgggag gttgggtatt ttttgagac      300

```

&lt;210&gt; 474

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 474

```

gcaccacaga ataagagttt gccgtgtaaa gacaatatcc ccattcgtca tgctcttatt      60
ttcccgtggg atatttgcac acaaatgcac gtctgttacc aaaatattgt gtaacacaga      120
cagaaaccac ctgtttttgt ctttccttgt ttcccttaat atttcatgaa ttgtctagca      180

```

```

aaaatggtag gatgcttctg tagttcacaa atgttacatt tcagagactt tagaggaaaa      240
attattttaa ataactgtca actgtttcat tgctttttaa atttttcacg tgcataaacc      300

```

```

<210> 475
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 475
cttaatgttt ttcaattgct caacgaactg tcagccctgt cagatatcat atatctggta      60
aaattacccc ttaggaatga gggggaaata aatacatact agatgaagga aaactaagag      120
agtttggtgc tagcagacct accctaaaag aaggctaaag aaagttcctg gctgggtgca      180
gtggctcacg actgtaatcc caacactttg ggagactgag gcctgccaaag ctgaggccag      240
gtggacagct tgaagcctgg agttcaagat aaccctgggc aataaaggga ggcctcattc      300

```

```

<210> 476
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 476
ccaagatatt cccaaatctc caaatTTaaa aatagctctt tcgcacacga tttctccac      60
agaatgtagt aatgtagata tgaaacattc aggtgaactt gttagaacta atggttctat      120
aaataaaaac tgacatcatt cataaagtta tttaaataaa ttttgctact aaaataaatt      180
tatatgttac atcattgcta ataattgatt taactgtgag ttttcttttt gtaaaaaaga      240
attgagccaa gcccagggt ttttctaaca agctgacggg atacttggtc ggggttctca      300

```

```

<210> 477
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 477
atccaattat ttctagaaat ccattgatt tcagggaact gaatttgata gccaggaggc      60
attccactgg cttcttaaag gacattattg gttttcattt tgttttgttt tgatttcaat      120
tgcaactcaa acaatgaatc ttccaaagat ggttaccctc actctacaaa agtgctaagt      180
taatattctt taaaataaat acaagcattt cttggactag ataccatcaa ctttaatttt      240
atttttctca cataaatggt aaccctaaac ttaatgaaaa tttccttntg ncacacagc      299

```

```

<210> 478
<211> 281
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

```

```

<400> 478
ttttatgaaa gccctgggac tatagattta gctgattaaa tttatagaaa aagtcctgtc      60

```

atataaactg gcaaagtctg ttcttaattt aattagccaa atcagactta acttccgtca	120
gaacatgtct tggttttaat tcagataaac acacnaacat acttctctgg cacagccttc	180
anaancatcn gcttttgntc tgttntcgtt cnnnnncgtg nncntntcntt cnnntnecgt	240
gctcctcgmn tngccgtntt gngnecgnag gtngtcgctc g	281

&lt;210&gt; 479

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 479

acttgatcatg gagctggcac tgtggcgctc tcccgtcccg cggtaggtgc tgctgctgcc	60
gctgctgctg ggctgaacg caggagctgt cattgactgg cccacagagg agggcagggg	120
agtatgggat tatgtgacgg tccgcatgga tgcctacatg ttctggatgg ctctattatg	180
ccaccaactc ctgcaggaac ttctcacaac tgcctctggg catgtggctt aaggcggtga	240
caggcggttc tagcactgga tttggaaact ttgatgaaat tgacccctt gacagagatc	300

&lt;210&gt; 480

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 480

tttttagatct tctgaagtat atcagtggct ttaatgacaa atcaggccca ttttctcctt	60
tcttatcatt atgctgtatg tatagataga atatgtattt tagatgtttt attgttttagt	120
tattatttta gtcttatcct tctaaagttc agcaaagctt taggtaaatg gcgtggattt	180
ttgaaatcct gcattcagtc gctagctgac atttagaata caggaatagt agtttctctg	240
aaaacagtga cacttatgtt aaattcttgt ggtttttaca aagttaggtg tcaacacaga	300

&lt;210&gt; 481

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 481

gataaacttc acttatcaat attacttata tttggctgca tgctctgac acttcatctg	60
gcctcatgtg ttttccattt tttctttctg aacagactag cccatgcccc ctgcccacct	120
catctcacct ccacctcttc ccttctccat tcccctttgg ttcacctttt ggcagaagggt	180
actgggtggct cagcctgcat gcgctgtctt ctctctctgt gctggcatgt catggtggca	240
ctgttgtgat ctcttctctt tcctttttac taacagacgc agaccaaact ggagcatgcc	300

&lt;210&gt; 482

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 482

aagaagaaaa attacaagaa aacatctggt ttttgcattt ttgatgtgtt tgtgtgtgtg	60
tgctgtttaca gttttaactg atattaagtg aagatagatt aatgtcaccg aggtttttaca	120
aaatcaaaga aatagaaata attttaaaga cttttggtac ttgaattact ttgtgtttt	180
ctggctcattt agtacattta tggaacctca gaaggtttga gttgaacaga ggcaagttac	240
agcagttttt tgggtgggag aattcataag tcagcatgtg aatcttttga tctcatatat	300

&lt;210&gt; 483

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 483

caaacttctt	tgtcttttga	atagtgtgcc	tttaatagaa	cacatatagc	atagttctag	60
ggattagagt	cttctgactt	cattactatt	tttacagtaa	tttatatctt	ggtttcttca	120
attagaaaaa	aaaatcgggc	ctgatttttt	atttcattta	ctagctcagc	tgttctcaca	180
cctacctgct	gaattagaag	ggacaagtat	aatccatctt	cttttcttct	tccctcctt	240
ctgtaataat	gtttttctat	tttgaggggg	taattttttt	ttttttt		287

&lt;210&gt; 484

&lt;211&gt; 275

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(275)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 484

gcggagggga	aatggctgcc	gaaaacaagc	cggaagatga	tcattgggaac	agcaatagta	60
gtcatgtata	aatcttttta	ccgaaaaagc	tgcttgaatg	tctgccgaaa	tgttcaagtt	120
tacaaaaaga	gaggcacgcg	tggaacacta	atganagatt	atgatgcatt	tgtcttnttn	180
ttttttntat	nntntntn	tnnnntttt	ttntttntat	ntantnnttn	ntntntann	240
ntttttnnnn	ntttnttn	ttngggactt	ctttt			275

&lt;210&gt; 485

&lt;211&gt; 286

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(286)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 485

ggtaagtgt	tagaacaata	tctaacacat	agtggttgcc	cagtaaatgt	gagctgtgtt	60
gattttgaga	ttataactac	aataataact	ttttcaaatt	gatacatatt	tagccgatat	120
aatctaattt	tttaagatgg	aattattcta	ntntnnnnat	ttntttnttn	nnntntttt	180
ttntnnntn	tnntnnnnnt	ttntntttt	ttntttntnt	ntttttntnt	ttntntttt	240
ttntntttnt	tttttttn	tnnnntttnt	ttntntntnt	ttttt		286

&lt;210&gt; 486

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 486

gctgagagac	cccttgctga	tgcagctctg	atggcaccag	tgactgtcca	tcattgcattc	60
ctttttattct	ctctctttta	gtatcgattt	taaagggcat	taagcactat	ggttccagag	120
tttcttgggg	aaaacttgca	gattcttatt	aattggttct	gcaataactta	aataaattat	180
tttacaatta	taagttttca	gattataaca	tttgcatata	tttttactga	ttttccaaga	240
tacttcttac	atttactatt	tacgtacctt	tatgtacatt	ctctgtaaaa	atagacctct	300

&lt;210&gt; 487

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 487  
 gtggagtgtt ggctttcatt ttttcttggg caagatggaa aattctcttc ctgttactcc 60  
 atcttggcca gaaatctaaa ttctcatata aaccgatttt gcttgttcag ttgttatttt 120  
 tatttgcaac taaaagcaat gtcatgcatg atgacttgaa gaaatgtctg aaacttttga 180  
 aaattcctta tttggcaaga aaatctactt atttatttaa atagcttttcg aacataccct 240  
 tccctcactc ataattgagg ggtaggagca caccacagtt tattagtaaa agttatttta 300

<210> 488  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 488  
 agacatttac agccatttat ccagccatca taattttatt gagtaactat tttgtgtgag 60  
 gcactgtact ggatgctttg gcaacagaga taagcaaggc aaccctgtg aataaggcac 120  
 tcttggtcta cacacagtgg gagaaacata gaaattcatc tcttctgagc ggagcctgtg 180  
 ggaaccacaga ggatggacac ccagcgtgga ctgaggaatc atgggccata acaggaggca 240  
 tctggagaga tctcttgggt aaagaatagt gagggctgga aggatattcc aggcagtggg 300

<210> 489  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 489  
 caggaataat gctgacatac atacatatat atatatatat gaagagagag agagagtcac 60  
 acacagacag acagacacac ggagtctcgc tgtgtctccn tgnetggagt gnatnnnctt 120  
 ntaggnentn ngnttttctt tncngggtnn cntctcnaga ganagagaga gtcacacaca 180  
 gacagacnga cacacggagt ctncctgtgn ngcccaggnt ngngtcttga ngnnnnnttt 240  
 tannnnnttt gnntntntgn ttct 264

<210> 490  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 490  
 gaaaagtgag tctgtccaga gatacttata gacggtagtt gattagagac gagaacgaa 60  
 ggagggtgaag ccgggggtttc tggcatgggg aaccagatgg gtgggtggtgc ctttactga 120  
 aatagggagc actcaatgag cagattttct gagagaggtc aggaagcagg atagtgatgt 180  
 gatgggtgtg gtggagacct gcaagtctgt cggtgcacta gccttcactt cagtggggag 240  
 aggccttctac cactttggga accatcagtt tgggattgat agttaacca ttggagtaga 300

<210> 491  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 491  
 tagtgatggg gaactgacta cctgaaaaca gctcactcaa ttgtttaaca cttccagttg 60  
 ttggaaagtt ctaaagcata tcaacagcta accattatta agcacatatt gtgtgctggg 120  
 tattgtgtta agtgcttgta tgtgttttcc cttaaatact ctctgtaatc ccttgaggcc 180  
 aggtttagtat ctccattttt tagagcagga aacagagatg tacagtttct tgttcaggct 240  
 cactcaggtg gtggtggaac aggaatggac cccatgcagt tggcctgcag cctgtgctcc 300

<210> 492  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(288)  
 <223> n = A,T,C or G

<400> 492  
 gatcaatata cagttgtcct cagctgggtc caggccccc cccacccctt accaaaaatct 60  
 gtcatactg aagtcocgaa gttagccctg caaagaccct acagaacctg cacttaggaa 120  
 aaggcagccc tctgaatacc agggattcga gtccctgacc atggatatgt gggccacgt 180  
 ggttcaaaca agtttttttt tgggacggtg tctcactgtt gcccaggctc nnacnnncta 240  
 ggtcncnct tncnnctcn ncncttcate cnntccttcc gtcccgtc 288

<210> 493  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 493  
 gtgcctctcg cctctccaat cctgatcccc cattcccagc caaggagagg ttttcagccc 60  
 ttggtcaccc tgatgacctg cagctttcca ggccctaggc tgagaagttt aagtccagtg 120  
 tctcattaat cctcataata atctagggag gccgggcacg gtggctcaca ccttgtaatc 180  
 ccagcacttt gggaggctga ggcaggtgga tcacttgagt tagaagtttg agaccagcct 240  
 ggccaacatg gtgaagcccc gtctttacta aaaatacaaa aattagctgg gcgtggtggc 300

<210> 494  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 494  
 gattgatgta ggttttaaaa aaggcatttg tatgttgta gttacatat ggggctaggt 60  
 aatttcattg cttaaaaaga tgcgcctagg ctccctcttg gtggctggat ttctttttct 120  
 tcgcccgtgg tggccatggt tcttaatagg gccaccgga tcatgggttc ttcttttttt 180  
 ttttttttaa aaggnannnn ccccttggac ccnngnnnga angccagggc cccaaatntg 240  
 gnntaannga accntnnnnn nc 262

<210> 495  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 495

ttaaagagcc atgacaacaa aatgcagccc ttgattctag tctggattct ggacttgaag	60
ggaaacattt ttcttatctt ttgctataag ggacattagt gggacacttg gcaaaattta	120
aattaactgt agattagata atactattgt attgttaatt ttctggcttt tattctactt	180
tgattatatt ataaaagtcc ttgttggttag gaaatagaca ctaattattt tgggttaaag	240
gaatatcatg tgaaattcac tttcaaacag ttccaaaaaa cacagtgata tatatgtata	300

<210> 496

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 496

ggacagtggg tcctgaaggc ctgtggccta ggagaaggag acactgaggt gtttcctacc	60
caacatgtgg tccgtgctct ccaaaactatc tttagactga acgtccaggc ctttgcagga	120
ggggccatgg gggctgtgaa tgggatgcan ccctatggng tccctgactn attnanngtn	180
nntnctnant aantcttgng ttttcttgtt tttntntnt tttntntntn tttntnttan	240
ttntntnttt ttnttttttn nnnt	264

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

atcatacca gctgtgttg tttttaaca atatataata aaagccaaca tttattcagc	60
actgaagtat ttatacaca ttagctcact taatttttac aacaaacctg tgtgggaagt	120
actgatataa ttaatcgata ttttcagata agaaaatagc agctgaaaaa gtacaaatac	180
tttctcaaaa gacagacagg gcttaaatca ggcctttctg atgtagacca tgctcttcac	240
taccacagag ttccatgcta ctttctctcc ctctccctcc tctcctgtcc ctgctacaca	300

<210> 498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 498

gcaacgaaat aattttaaag tggatctggg ttggtagtgc ttatgggagt taggcaagga	60
aaaatgcaga ttctctttag aatatcttca cctagggtccc aaaggattct catagataga	120
tttccaacaa atatgagggt ataataaaaa atacaaatca catatagaag tatggcacca	180
tgaatgagaa aggaaaaaac tgtcagaaca agaccctcaa gactttactg gaattaacaa	240
gcaatatgta aagtaaagtag aaataagcta ttcataataa gaataatgta taagagacta	300

<210> 499

<211> 300

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 499  
 caggggtgag ccaccacacc aggccaagca ttttctttca aatacaagga atatttttct 60  
 gattttaaaaa aaaaaaacga actttttttc tgataatcaa agggaaagt gcaaagatga 120  
 aaataaaaagt catctgtaat ctcaggtaat accaggtaat taacattttg ctggatttct 180  
 taccantgaa aatgaangcn tatttttaag gtggntgcng ncntnnttnc nngttnntnn 240  
 ntnggnttng ttancnnnna gnatgtnttt cntnttannc ttgtntnnnn tgtagtctct 300

<210> 500  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 500  
 tggctgtgga tgtaacaac atgttgcac tgtacgccag tatgctgtac gaacgccgga 60  
 tactcatcat ttgcagcaaa ctcagcactc tgactgcctg catccacggg tctgcggcga 120  
 tgctctaccc catgtactgg cagcacgtgt acatccccgt gctgccgccg catctgctgg 180  
 actactgctg tgctcccatg ccctacctca taggaatcca tttaagtta atggagaaag 240  
 tcagaaacat ggccctggat gatgtcgtga tccctgaatgt ggacaccaac accctgaaa 300

<210> 501  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 501  
 aaaagaaaac gagaccaagt aataaagcag aaggaagaag aagcacagaa gaagaaatct 60  
 gacttggaag tagagctatt aaaacggcag cagaagttgg agcagcttga acttgagaag 120  
 cagaaattgc aagaagagca agaaaatgcc cccgagtttg tgaagggtgaa aggcaatctc 180  
 aggagaacag gccaaagaagt cgcccaagcc caggagtcct aggctgaggc tgcaccaaga 240  
 cctcgtgtgt caccaccacag agctgtctgt ggggtgccttc tcaatctcag ggcaaaagcc 300

<210> 502  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 502  
 gccagctcga gtagacgaag ttcctgatgg agctgtaaag ccaccacaa acaaactacc 60  
 cattttcttt ttgggaactc atgagactgc ttttttagga ccaaaggata tatttcctta 120  
 ctcagaaaat aaggaaaagt atggcaaacc aaataaaaga aaaggtttta atgaaggttt 180  
 atgggagata gataacaatc caaaagtga attttcaagt caacaggcag caactaaaca 240  
 atcaaatgca tcactctgat ttgaagtga agaaaaggaa actagtgttt caaaggaaga 300

<210> 503  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 503  
 tcaggctggg agggacttca gttagcatgg tgggggagaa ccagtaccac ataccagta 60  
 ggtaataaagg tgtccagcag aggatgaagg tcagcaagat aagcagggcc agtctcaggg 120  
 cccggagacg aacacgggtga caattgtcaa aggagcgggg gagggcaaat tcaccagcag 180  
 gggctaggaa tttagaatat atactgtact tcacacactc actttctgat ctgagtatag 240  
 ggtgaattga tggaggggtca ttcctagtgn gannganntn gcctcctaca atg 293

<210> 504  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 504  
 ggaaaaggag atcaatggct caaagggtcac ctgtcgggga ctactggagt attttaaggc 60  
 atatattaaa atttatcaag gagaagatct gcctcaccac aagtccatgc ttcaggccac 120  
 tgtgaagcc aacaacttag cagctgcagc ctctgccaaag gacatttatt ataacaacat 180  
 ggaagaggtt tgtgggggag agaaacctta tttgtctcca gacattctag aggagaagca 240  
 ctgtgaattc aaacaacttg ctctggacca ttttaagaag accaagaaga tgggtgggaa 300

<210> 505  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<400> 505  
 gaccgactga agctgctggg gctgtacagt ggagaggatg atgagctgct acagcgggca 60  
 gctgcggggg gcttggecat gcttacctcc atgcggccca cgctctgcag ccgcattccc 120  
 caagtgaacca cacactggct ggagatcctg caggccctgc ttctgagctc caaccaggag 180  
 ctgcagcacc aggggtgctgt ggtgggtgctg aacatgggtg aggcctcgag ggagattgcc 240  
 agcaccctga tggagagtga gatgatggag atcttgcaat gcta 284

<210> 506  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 506  
 aaagtgaata tcgagttggg aacgccaaga ataccagaat tctggaaatc catgaagcag 60  
 cagcataagt ggtttgccctc tttctccagc agcaacatag tgaaatctta accctgaatc 120  
 cttgtattct tggcgttacc aactgagaga atttaaaagt gaatatcgag ttgtagcact 180  
 ggatttgaga ggttatggag aaacagatgc tcccattcat cgacagaatt ataaattgga 240  
 ttgtctaatt acagatataa aggatatttt agattcttta gggtagca aatgtgttct 300

<210> 507  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 507  
 gctgctcaag gattgcaggg atgaggcaag tggaaacagcc tcggaacctc cgaaaatggg 60  
 cacgctccag gtcccagttt ctatggcaac cataccggca aattgggctc cgcaatgggt 120

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tctcctggaa aaaccgtgat tttggttacc gcngacgtct ntancnntng gnnngnctac   180
nnnnttntaa annntttata tgngaatatg tattgcatat ntntngncan cacttantnc   240
tttacattnt ctatgatgcn nngacctttg ttangttttt tgncntntga cccttttc   298

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<210> 508
<211> 299
<212> DNA
<213> Homo sapiens

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<400> 508
gcggctcttt tccctcgtga ctcggttget cctggcgccg cgacggggcc tcacgggtccg   60
cagtcccgac gaacccctgc cgggtggtgc cattccagaa gagctccga gacatacttc   120
tctgcacaga catagcctct cggggcctgg acagcactgg tgtggagctg gttgtcaatt   180
atgatttccc cccaacgctg caagattaca tccacagagc agggagagtg ggccgtgtgg   240
ggagcgaggt gccaggcacc gtcatcagtt ttgtgacca tcctgggatg tgagcctgg   299

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<210> 509
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 509
ggatcttctt caatcagcaa taacagggtg ctctatagaa tggagggtag aagggatgtg   60
ggtgacttac tcagttttta gttaaagagg accctcttct gttagcatgg tgaagtgcag   120
tttctttaat aaattgtgca tgggtggggg gggattannt ttncgtngt ttacttcagn   180
cttgccttna cncctantna atcctnatt ntannntnnt ctctctttct ncctnctct   240
cttnttctnn tgntntnnn ntncctntn ncctgncnt tnnnaanatt ctntcctct   300

```

```

<210> 510
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 510
gtggagggat gcactatttc acaagggtcca agatttgttt tcagaagatg aaaatgaaaa   60
taaaatagag tttaggaaga aaggaggatt tgaaggggga ggattccttg gaagaaagaa   120
agttccctat ctggcatcat caccaagtag ttccagagtg ctgggattac aggcattgagc   180
caccacaccc gacacttaaa gggcatttct tatttatcct tgtttttagtc acaccatagt   240
ggaatgagta atcagtttta gaagctgcaa atttaccatt ctctcaaaga tgctagtgt   300

```

```

<210> 511
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 511
aaacaccaag aatggcacct gtttggataa ataaggctat gtttttgaaa gtaacctttc   60
cacaagtcaa taacagaagc tatggtgaaa tgtaaaaatt cacaattcta ctttgtttca   120
ctgagtgcac aatcaacgat tcatacagtt gagatgaatg tgacaaaact ctttatagat   180
aaatatatat gcctaagttt atctatatat atatgtcttt gtgtgtatat acatacacag   240
atatatgcaa agacataaat aatcttcctt acaaaacatc aatagatcat tttcacaggg   300

```

<210> 512  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 512  
 ccagcctgcg tttcaaccaa gaccaaagct gcttttgctg cgccatggag acagggtgtgc 60  
 gcatctacaa cgtggagccc ttgatggaga aggggcatct ggtgctgac tgggacgatg 120  
 cccgggaggg caaggactcc aaggagaagc tgggtctgga gttcaccttc accaagccag 180  
 tgctttctgt gcgcatgcgc catgacaaga tcgtgatcgt gctgaagaac cgcatctatg 240  
 tgtactcctt ccccgacaat ccccgaaagc tgtttgagtt tgatacccg gacaacccca 300

<210> 513  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 513  
 gaagctttca tgtcctgcat tgtggaatcg ggtgtgtcac cctctcaaca cattgatatg 60  
 ttcaccaacc aggatgcttc accatgcttc ggtatctaaa gtttttattg gggtttcatt 120  
 atatattgat aattgattga atcactggcc aagtgattga actaaatctc caccctaccc 180  
 cttactctgg gtgtcaggct gactcaaagc accagctatg taatcacatg gttgttctcg 240  
 ctggttaactg gcctccatct tgggtcatct catcttcag cccaaattca ggtgtgatcc 300

<210> 514  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 514  
 gagaacatct ttgagtaaga agatgcagtg tttgaacctg aggaaaagtt aaagcgtaga 60  
 aaatattgtc ttgccgaagg attttgcagt cctctgtcag taacttccat tgattacgca 120  
 gacatattca ggtaaacctt aatcattaag aaaaaaatta tcaatgtaga aagtaattcc 180  
 cttttttctc tctgagatat acctcaatca cacacttccc cacccttact tgaaacagac 240  
 ctcttcactt gtgttttttt ttcttgaggt ggagtcttcc cctgtntgcc caggctggag 300

<210> 515  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 515  
 tagaaatgag atgactttat gtctaagatt tgcattaaaa tactataatc atttgaagaa 60  
 agaataaagt aaatatgcc aattttgtat tataattcaa tctgtatgac agttatgtga 120  
 gttttttttt gttttgtttt atgcttgtgt gaagattttt gtagttaagc tttttttaaa 180  
 aaaaagtcaa ctgagttact tacgtgatga aattagaaca catacttctt acaagcatat 240  
 tctctcctat cccctctctc atttcagttg gcaccataat gccatttttg cctaaccata 300

<210> 516  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 516

agcaaatgtg	ggaactgcc	aaccaaactg	cacgacatcg	acggcgctacc	tcacctcatc	60
ctcatcgctt	cccagacat	cgcggctggg	gaggagctcc	tgtatgacta	tggggaccgc	120
agcaaggctt	ccattgaagc	ccaccctggg	ctgaagcatt	aaccggtggg	ccccgtgccc	180
tcccgcctcc	actttccctt	cttcaaagga	caaagtgcct	tcaaaggga	ttgaattttt	240
tttttacaca	cttaatctta	gcggattact	tcagatgttt	ttaaaaagta	tattaagatg	300

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 517

caaatgtggg	aactgcaaaa	ccaaactgca	cgacatcgac	ggcgctacctc	acctcatcct	60
catcgctctc	cgagacatcg	cggtggggga	ggagctcctg	tatgactatg	gggaccgcag	120
caaggcttcc	attgaagccc	accogtggct	gaagcattaa	cgggtgggccc	ccgtgccctc	180
cccgcctcac	tttcccttct	tcaaaggaca	aagtgccttc	aaagggaatt	gaattttttt	240
tttacacact	taatcttagc	ggattacttc	anatgttttt	aaaaagtata	ttaagatgcc	300

<210> 518

<211> 300

<212> DNA

<213> Homo sapiens

<400> 518

ggcatgagcc	accatgcctg	gccccaaaact	tcttaaaaag	gatgatgatg	gtggtggtga	60
taatattggt	atcatcatta	tctaacacat	agtgccttact	ttctgccagt	tgttggttctc	120
agagctttac	atcattaatt	catttaagct	ttgctattga	cctcctcacg	gatcttaaaag	180
actttgacct	tacaacctca	tgaaataaat	cctactgatg	cgattgtaca	gatgaggaaa	240
ctgagctaaa	agaggcaca	cagcttaaac	ccagggttaca	cagctaatac	gtgatggaac	300

<210> 519

<211> 300

<212> DNA

<213> Homo sapiens

<400> 519

cttgaatccc	ttgaccttac	tgatgagaaa	aaggtcctcg	agtgggctca	ggagaagcgt	60
aagctgagcg	tggtgcatat	tcacggagtc	tacaccaacc	ctagtggcat	tgctcctcat	120
ccggctggat	atcagaacgt	gctcaggaa	actgaagtca	tgagagaaat	tcagaaactc	180
tacgaaaaca	agtcatttct	tttctctggc	tgtggctgga	ctgtggatga	caccactttc	240
caggcccttt	tcttggaggc	tgtcaagcat	aaatctgacc	tagaacattt	catgctgggt	300

<210> 520

<211> 300

<212> DNA

<213> Homo sapiens

<400> 520

```

gttcagtggg caatacaata gtccaccaag agactgggaa tgattagaag tgaaattggg      60
ccctccttac caaggagggg cagatgatct ccattgcaca gggcgattag attctggagc      120
tgaggtaggg actgcaggag gccacctagt ctggtagggt tcaacccaag ctgtgtacat      180
tagaattccc ttgggagcgt gcaggaaata cagatgcccc tgccacattc cagaccaact      240
gaagctgaat ctccagagta gggcctgtat ggtcatataa gctccacagg tgatctgcag      300

```

```

<210> 521
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 521
aattgatttg ctacatgctt aaaatgatag aggttgctca gcatttttgg agtacaaggg      60
ggtcagagag acatgtgatg aaaattacag ggcgagtaca gagatttaga aggggaacggg      120
ttttaatgcg agtatctatg acagagtctt gctctgttgc ccatgctgga gtgtagcggg      180
gctcgtgcca gcctcacatt caaaggctca agcaagcctt ccttggcctt tgaagtagct      240
gggaccacag gctcatgcca ccatccctgg gtcattttta aattttttgt agagaggggc      300

```

```

<210> 522
<211> 258
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

```

```

<400> 522
cagagcttag acatccaaaa ctaatcaatg ctgagggtggc taaataccta gccttttaca      60
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg ggggttatnca      120
tacattgaca acnctngatg tnnngaaaat tntntnttn ngcnangcga ttncctgann      180
agaatggaac tgtagcnntn aagngctacn ngaaanaatt tnantanncn nanantntn      240
tnntntnncn nnanantt
                                                    258

```

```

<210> 523
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 523
gttaactgca ctctgttcaa ggagggttg aattggagac acagagcagt catcgttgat      60
ggcaaatattg aaatctagcc aggcacacat ttccagttcc ttcacaggg cccagtccta      120
ctcgcagaat tgttctccac agtttgactt ggcctctggt gctttcagtt ttttcttctg      180
agtctttttc cttttccatt aaaaaattag cagagttttg cagtgattgg ctgtcttggc      240
ctgcattcta cttgtttagt gccagttta tgttctttct acttcagttc aagggtgtgt      300

```

```

<210> 524
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

```

&lt;400&gt; 524

```

gccagatccc agattcaaca gcagaaacgc ttgttgaatg gcttcagagt caaatgacaa    60
atggacacct accaggggaa ggagatgtgt atcaagaaaag gctggcacgt ttagaaaatg    120
ataaagaatc ccttgttctt caggtaagtg tnttnacnta cnnntttnt nctnnntgnn    180
atatnttctt tgatttcttt ttttnntttn tctnttgctt tatntgnttt tattnttttt    240
tntctngagt ttntnttttn tctnanntct gnnttanntn tntttctct t          291

```

&lt;210&gt; 525

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 525

```

taaagacaaa aagatcttca tgattgtcat tccactccag gtcctggcaa atgtagccta    60
catcatcata gagtccaccg aggagggcac gactgaatat ggcttggtga aggactctct    120
attctgtgtc gacctgttgt gttgtggtgc catcctcttc ccagtgggtg ggtcaatcag    180
acatttacaa gaagcatcag caacagatgg aaaagctgct attaaacttag caaagctgaa    240
acttttcaga cattattacg tcttgattgt gtgttacata tacttcacta ggatcattgc    300

```

&lt;210&gt; 526

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (285)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 526

```

tcagaatgaa acagaacaag tccattttta ttttctttca ctgcattgca tatggtactc    60
aagttgtgtt gtgtatagct aataggatgc cattcacatt ttatacatct tttttttttt    120
ttngnaangc nnnnccnnt tngcccccng gncggngggc cngggccna tnnnggnnnn    180
nnggaatncc ccccncccg gttnangcnn ttnnttngcc nnaaccccc nnngannngg    240
gaccannngn ccccnccnnt acccngggn aantttttgg ttttt          285

```

&lt;210&gt; 527

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 527

```

gtccatgcta atttctagat tgatgtttta gccataaaaa tgcagtatth aataatattt    60
tattttccaa attatggaaa gcttcagaaa tagaaatatt caatataatt agtactctct    120
aatctttttt ctaggttgaa aaatctttgt tttgcttttag gttagattat gttgaaacac    180
atctgtgttt cagatgtgtt cagagctgag gtctcagctg aggctccact gaagcaggat    240
tcacttccaa aataacagag ttgttgccaa tattcagttc gtagcaaaact actggaacaa    300

```

&lt;210&gt; 528

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 528

```

aataaataaa tgggacctgg ttaaatagct tctctacagc aaaagaaata attgtcaaaa    60
taaacagaca accacagaa cgggagaaga taagacttgt aaactgtgca tgtgacaaag    120

```

aactagtatt cagaagctac agggaactca aatcagcaag aaaaataaat aatccccacca	180
aaaagtgggc aaatgacatg aatagacatt tctcaaaaga agatatgcaa atggctcgaga	240
aacatatgaa aaaatgttca acatccctaa tcattagaga aatgcaaatt aaaaccacag	300

<210> 529  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 529	
gggtgagata ccacgcatga aaccacgtg gactgcaact caaagtgtgg tccttgggcc	60
agcagcattt gtcagaaagg cagaatctca cagggccagg actagggtgg cacaggtgag	120
gcatccggg cacagcattt aaggaggccc tctgttcag ggtcgtacag ggcacctcct	180
cggctcacc taatcccagc tctgaggtcc acccagacct ttctgagtca gagtctgcct	240
tttaacaaga ctctcagcga tatgtatgcc cagaggagtg taagaagatc tggccttaga	300

<210> 530  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 530	
gaggaacaag aagcaccact acaggagct cccagttgag gtgcgacagg cactcggcca	60
agtccctgat ggcttcgtcc agtacttcac aaaccgcttc ccacggctgc tcctccacac	120
gcaccgagcc atgaggagct gcgcctctga gagcctcttc ctgccctact acccgccaga	180
ctcagaggcc aggaggccat gccctggggc cacaggaggg tgagggtggc tggatgccac	240
acagatggtc tccgtgctgg ctactgaat agctgagcct gtggctggcc t	291

<210> 531  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 531	
cttaaagatg cataacaaag tcaggggatt cattctatat gatatccaat gagtätggca	60
ttggcataag gctagacaaa cagggcagga cagaggaggat gaatgaacag acacacatat	120
atttggacac ttgaatgtgg ataaaagagg caatgtagga aggaagggaa aagatagtct	180
tttcaataga aggaactgga tcanagagat attcaatgga ananaagaac gaaattttac	240
ctntntntna nnacntangn aagtnaatta ttacttac	278

<210> 532  
 <211> 258  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(258)  
 <223> n = A,T,C or G

<400> 532



```

caaaacttaaa ataaaatccc cactatgcac attttatttc tccaacatac tcggattcta      60
ccctagcatc acacacacac acacacacac agtattttga cctagggatt gactatgtaa      120
cttaattttg agacaattga catataaaaa tattgagatt tccaactcat gaacataata      180
tatctctcta cttatgtcgt gtttgatttc ttttagcaat gtttgacgtg tacagggttt      240
acnccttttg gnaggnnt                                     258

```

```

<210> 533
<211> 288
<212> DNA
<213> Homo sapiens

```

```

<400> 533
tggaaaagaa aataaaattg gcagctcact cttctgtcat ttgatcttct gtcatttgct      60
tttctgagtt ttggccctcc tgtacaatct atctggtcgg gtttactttt ctccatcttc      120
aagcaggggtg tgtcttcaag catgcatgtc tgtgttttga ttcggaattg atagttataa      180
tagaagcatg agctgctggg aaattatacc tcctgatttg tgtggtttta tttgttcac      240
ttgcagggttt gagtagtttt tggtaggatgt gttgggagat atgaacgc                288

```

```

<210> 534
<211> 223
<212> DNA
<213> Homo sapiens

```

```

<400> 534
aagacacata gtggatctgt atggcgtgtg acatgggccc atcctgaatt tgggcaggtt      60
ttggcttcct gttcttttga ccgaacagct gctgtatggg aagaaatagt aggagaatca      120
aatgataaac tgcgaggaca gagccactgg gttaaaagga caactctggt ggatagcaga      180
acatctgtta ctgatgtgaa gtttgctccc aagcacatgg gtc                      223

```

```

<210> 535
<211> 265
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

```

```

<400> 535
gccacatctg ccagagcctg gagtctgcga aggccgggac ccggttcccc ggcccacagt      60
gggggtgtgc aaaccggnna gaactggtta agatntnttt nnttcgctgt tntgnttttt      120
nnnccgagct tatctnannt ntatanttgg cnatnttttn nnctcttgn tnanatttan      180
ntatcttttt cntcttcnnn tntttntnc tcnantnttt atnttttttn tcttnatnnt      240
ttctaantgc ctntntcant ttntt                                     265

```

```

<210> 536
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

&lt;400&gt; 536

cttttttcta	tttttacgct	ctgctgtcca	tgacatattt	ctaacacctt	tatgattatt	60
gttcctgctt	gtaaaagggc	tgatatttac	atgagtgcaa	ggcaggaaga	aaaggtagct	120
gtgccagcca	cttctggcaa	gcagttctcc	caccttagcc	tccaagtag	ctgagaccat	180
aggcatgaga	tttctcaaaa	ttcctcccag	caggctttca	cttagtttca	ttgttgagaa	240
ctgtgacagg	tccatctcta	gctgcaaagg	aggctgagaa	agngaacaca	gcagcctcct	300

&lt;210&gt; 537

&lt;211&gt; 259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 537

catttatata	tatactatat	atttcatata	tgtatttcag	gaatttatag	accacacatt	60
catatataga	tacagatata	tatatgngng	tgtgngnata	tacncatann	tantnaagcg	120
tatatncngt	agtatacatn	atncacncat	ananacgtat	atatgnaaac	gnatatanac	180
ncgtanata	atttatatgtt	atatntacng	tatntacgta	tacnncatat	gcacntgnta	240
tnegtntntn	tgntntntn					259

&lt;210&gt; 538

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 538

gcctgctgag	cgatgatgact	tcacccctggg	gattctcaac	tgccgtcttca	ttgtgtacta	60
cctgttggag	atgctgctca	aggtctttgc	cctgggcctg	cgagggtacc	tgctctaccc	120
cagcaacgtg	tttgacgggc	tcctcaccgt	tgtcctgctg	gttttgagaga	tctcaactct	180
ggctgtgtac	cgattgccac	acccaggctg	gaggccggag	atgggtgggc	tgctgtcgct	240
gtgggacatg	acccgcatgc	tgaacatgct	catcgtgttc	cgcttctctgc	gtatcatccc	300

&lt;210&gt; 539

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 539

gtggcaagt	ggttatatgg	aaagtctctg	ttcactcact	tgggtgaata	acagtaaata	60
cctttctatt	gttttcactt	tacattagcg	catgagtatt	tgtgcctgtg	gctgcagttt	120
gtgttagttt	cctaccccag	gtatctcctg	cagcatgcag	cttcagtcct	accagaccct	180
caaaacttaa	aagctaacac	tattactagg	gaggattttg	caggaaaatg	gagaaagggt	240
tacacacaaa	aaaggttaaa	ctactctatg	catgtttctg	caatgtgtta	tctcaagaat	300

&lt;210&gt; 540

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 540

ggttcacact	ccatttccca	gtttctgttg	acccccacct	tccagtgttg	gacaggatgg	60
aggggggaca	cttgcttagg	ggctctcctg	ggccccacac	cagtgtccac	cccaaatctg	120

```

gtcgtctcct cccccatgc acagcacaag ctaagggctg ccctctgccc acacgctgcg      180
ttcacttgcca atgctgtact cacctccatc accctccaac tttggggccc atgtcttcct      240
tgggccaaagg tctcatgggg gctagggcca agttgggggc ccaggaggcg gggagggaag      300

```

```

<210> 541
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 541
gtccattctt ataaaggga cttctagcaa acctgcccag ccctttccct ggagggaac      60
attatctgta ttatcctaaa gagcaacaaa atctgctctt gggtccaaat agagacactt      120
tatctttcaa gacaatgcct atgcaaatat cttagaaaag atagtctagg agaaacaagc      180
tgccacaaga actgcaaaaa tgcaaacagc ctataaagaa ttgtctccca acatattgat      240
cttttatatt attctcttta tgcgttgcca taaaaagttg agagactgca atcctgcacc      300

```

```

<210> 542
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

```

```

<400> 542
gtgagcctag ggacccattt ctctcctttt gacagggaca tcagtggagc cttctcagac      60
ccacaggggt ccttggggaa ttttgacatg gttatttaag gaaccttgcc tagaagtcct      120
aacttgcaat tccccatcga cggaaggctt tgactccaa gatgattata aaggaatatt      180
ggattcctct gccaatgacc gtggaggagt accgcacgc catctgtaca tgatacagaa      240
gaagagccgt aacgagacat atggcgaagg cagngngtg gagatcctgn ataaccg      297

```

```

<210> 543
<211> 271
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

```

```

<400> 543
aggacgaccg ctacttgca cttctggaag gcacccggga ctatgagtgg ctggaagcac      60
tgcttatgaa tcagacgggt atgtcaaaaa accttttctg gctcaggcgc agacccaag      120
aagctgctcg ggaagccctg tgcattggaca ggtacatgtt gctgcacca gactttctcc      180
gatacntnaa nancagnntt ttgaggcnta ttancctgga nggtanncat catcnnngana      240
tannttcnaa tttctgangt cctnactgcg g      271

```

```

<210> 544
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 544

```

atggaattta cttttcttct agactttctt ttgcaatgga acgttgcttt gtgtgtgatt	60
tggtggaata acaaccaata cacaatgagc agtctaattgt gtagtcattt ggtgctctgt	120
gttcaagtgt gaaatctcta tcagtgccca atagtaagcc agggctctgct tttcatatag	180
aaaatggttg ctgacagaag aagatgtggc cgtactccag ggtgggtctc tatggaggct	240
tgtgagagtc tctatacagc atccatgact gccaccggca cttccaatac cattagttat	300

&lt;210&gt; 545

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 545

ctccatcaag gcatttctct tcattggata ttgcagtctg cacaattgag agagccaatg	60
gtctgatcaa tcgcctcata gagggaaaata agatggatct gttaggaatg gtggttgtgg	120
atgaattaca tatgctggga gactctcacc gagggatatct gctggaactt ttgctgacca	180
agatttgcta tattactcgg aaatcagcat cttgtcaggc agatctagcc agttctctgt	240
ctaagtctgt gcaaatcggt gggatgagtg ctacccttcc taatttgag cttgtggctt	300

&lt;210&gt; 546

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 546

cagaaatcag catgcatgaa ttaatcgaaa tacaatgcat attaaacaat gcaattacta	60
tagtctaaaat caccaaactg ataaccata caaaagtagc tcttacaact ttttttgaga	120
atatttcccc taaaaaattc cagtgatcat cccaacctac aaaactagat tattttacta	180
gtatcatctt ctctttaccc ctcttctccc caccaacact cctccaaca cacacacact	240
tctccttaag agaaacggct tcctcaagaa attatctgat ggttcagtag cagttggagt	300

&lt;210&gt; 547

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 547

aagaaggtgg gggcctgcca cggccccagg accccactgc tgggcaccga ccagtgtgcc	60
ctgggcccga gcttctggtg caggagccag gaggcgcga agctgtgcaa cgctgtgcaa	120
cactgccaga agcatgtatg gaaagagatg cacctccacg ctggggaaca cgcgtgaccg	180
tggctgccag agaccagag cctgctagcg aggccatga ggtgggtgct ttccccatcc	240
ccatttcaca aatgaaaaac tgaagctctg aggaggagg ctgggaagga gcagagctga	300

&lt;210&gt; 548

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 548

cctatgattc attcattcaa taagctttta ctgcataaac tttacatcca gcaactgtagt	60
taagtaccca aaattgaata gaaataatgg cttttgaaaa ttgcccagaag caggctggga	120
ttacaggcgt gaaccactgc acccggccca gtactgcac ttaacagcca agccatttta	180
ttctacttta taactgatag acttgatacc atccatctct ttaggttaca gaggataatt	240
tgaagagaaa tggtactgta gaatatatag ttctgtactt ttttttttta aga	293

&lt;210&gt; 549

&lt;211&gt; 266

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 549

cgcgacgcac attgatggag cgtatgtcca ggcgccggtg caccgcaagg agcaaaacag	60
acacagttct tggtcctagg gctcacgtcc cggggcgaag aggatcctcc ataaacgac	120
agccatagca gctgtgattg gacaagagac tgatttcagt gactttctcc tgataagaga	180
ccaccgacca gctgaccatg ccgaccagct gacccgttaa tagagagaga tgatgcacct	240
gcattgccttt gtgtcctgaa aatgac	266

&lt;210&gt; 550

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 550

gcttggggag agtgatggta gaaggacctc ccaggagggc cctggagaca gtgtgaaatt	60
cgagggaggt gaagatgctt ctgtggctgt ggagtggccc ggggatggca gtgggacctc	120
gcagaggagt ggctctcttg gcaagatccg ggatgtgtc cgcagaagca gtgaactctt	180
ggtgaggaaag ctccagggga ctgagcctcg gccctccagc agcaacatga agcgagcagc	240
ctccttgaac tatctgaacc aacctagtgc agcaccctc caggtctccc ggggcctcag	300

&lt;210&gt; 551

&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(271)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 551

ggaaagtgga gaggtctctg ctgcgaagag aggcactttc agggactttc cttcagctgt	60
ctcttctctt gggaatgagc tactcaaggc tgacccctcc tcctgttgct tgaaataatg	120
atgatataata ggttggtatn ngnagtntgt nacctccngc tcaatctcct nctnctctc	180
tacctnnnnt cttctcctn ctncctnnct tcgntnnnnc ttnnnctcc cncntnttac	240
tctnacantt cctntnctc accctcactc t	271

&lt;210&gt; 552

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 552

ccggaggctg gtgtgagcc agtggtggg catectagcc accatcgcg ggctggtggt	60
cgtgggcctg gctgacctcc tgagcaagca cgacagtcag cacaagctca gcgaagtgat	120
cacaggggac ctgttgatca tcatggccca gatcatcgtt gccatccaga tgggtgctaga	180
ggagaagtcc gtctacaaac acaatgtgca cccactgcgg gcagttggca ctgagggcct	240
ctttggcttt gtgatcctct cctgtgtgct ggtgcccatt tactacatcc ccgccggctc	300

&lt;210&gt; 553

&lt;211&gt; 224

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 553  
 cggatatacct ctccctcatc aaacttttct ccaccaactt tagcatctgg ttgccaccct 60  
 ccaaaatggc cccagtgate ccatctccta ataagtacat gtctgtgtgg tcctctccca 120  
 cactgcatag gaatggctta cgtaaccaat aggtagttaga ggatgtgatg cagtctgact 180  
 tttgaggcta agttgtaaag aaagacactg tgtcttcttc cttg 224

<210> 554  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 554  
 cttgagtcta ggagttcaag accagccttg gcaacgtggc taaaccccat tgctacaaaa 60  
 atatatatat acaaaaaatt agctgggagc ggttggcaca tgctgtagt cccaactact 120  
 caggaagccg aggtgagaga atcnnnnngn nnnnnnnntn tactntnang ttaanaann 180  
 ggntttannt nnnaaattan ctggaagecg ntgncanag cctggngncc caantactct 240  
 ggaggccnnn gnggnaaaat tntctggaa 268

<210> 555  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 555  
 caaatccaat agcaagctct gttttctaata atagtaaatg tctttatagt aatagtgagt 60  
 aatcattaat tctaaagata gaattattat tacaataaac aaactttagt cacatattgg 120  
 cagtttttct atttcaaaca cagcaccaga gatcagagtc tacttgaaac ttacatttgt 180  
 gttattttaac aatttttctg tatctttttc attggtggtt tggtttgttt atcttttgtt 240  
 tttgtttctt tggtttggtt tggtttgttt ttgttttttg agatacgatc tctgtcacac 300

<210> 556  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 556  
 gctcagtgtc ggcattgtga cctggtgttg tcagtgagtc tgtggatcca gggtcagtgc 60  
 tggatgttt agctgacatt ggcagtgagt ccatggatcc aggctcagtg ctggtatgtt 120  
 gacctggtgt tgcagtgag tctgtggatc caggctcagt gctggtatgt tgacctagca 180  
 ttggcactga gtctgtggat tcaggctcag tgctggtatg ttgacctgac attagcagtg 240  
 agtctgtgga tccaggctca gttccacaga ggttgataaa acatggtctc aggtgggttc 300

<210> 557  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 557  
 cgtgttgccc acgttgggtct tgaactcttg acctcaggcc tcccaagggtg ctgggattac 60  
 aggcgtgagc caccgagtct ggccttgcca gttatttttc attacttttt gttttttttg 120  
 gacnaggctct ggntntgtan nccaggctgg natgnagntn ntgnnatnac agatnnntgn 180  
 nnggntcaac nnggnaagan nngatngggn ttcncggggg nntngnnann aantngtnan 240  
 tnnnnnnaan gantacatga agntag 266

<210> 558  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 558  
 aaaaatacaa aaattagcca ggcatgggtg cacgtgcctg taatcccagc tactcgggag 60  
 gctgaggcag gagaatcgct tgaacctggg aggtggaggt tgagtgggc tgagatcacg 120  
 ccattgcact ccagcctggg cgacagagtg agactctgtc tcaaaaaaaaa aaaattatga 180  
 aaaaagtatt gggattaaag aaagtcagga taaaaatttt aaaaagcagg ccantgtcag 240  
 caaagcctgg aaaattgggg ccggaggctc ngccccatc atnggcctgc cacccttcc 300

<210> 559  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 559  
 gaggcaccca aaggctcctg agacacatgg gtgctattgg gggtggnggg gangtgtgtg 60  
 aggtctgnaan tgnctctnt tattaggcta tntctanctt nccattnact ganttcactc 120  
 aanactgcnn natnnctatn aannantaan ntaaaccntc ttaggtcant antantnctn 180  
 nantganttt catcantatn cctnnacnng ttncttngtt annagatan cnttaacntt 240  
 atnnnacnga gaaantctct tctaa 265

<210> 560  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 560  
 agaagaaagc attagcaacc ttgatgccat gacaatagaa actatccaaa ataaggcaca 60  
 gagaagaaag tggaaaaaaa ggcaaaaagg aaaacagagc aacagataat gtgagacaag 120  
 gtcagatagt ctttatgtat gtgtaattgg agtccccagg agatgtgaga ggaaaaagag 180  
 ttgaaacaat catagacaaa atatttccac gtttgatgaa aactatatta gttgtgtatt 240  
 gctacctaac aagttattcc aaaaatttag tggcttaaac aaaacatcca ttatctccca 300

<210> 561  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 561

gccacctact	gcgtcttggt	catggagaag	aagagctgga	gacagagaaa	gatttcagca	60
gaatcctcag	gatggattta	gccgactaaa	acgatggatt	atgattggcg	atcatcacca	120
gttacctcca	gttattaaga	acatggcctt	tcaaaagtac	tcaaacatgg	agcagtctct	180
cttcactcgc	ttgttcgcg	ttggagtcc	gactgttgac	cttgatgctc	aaggagagc	240
cagagcaagc	ttgtgcaacc	tctacaactg	gcgatacaag	aatctaggaa	acttacccca	300

<210> 562

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 562

attaaaaaga	aagctttatg	tagttatgca	tgtcagtttg	ctatttaaaa	tgtgtgacag	60
tggttgncat	attaagagtg	aatttggcag	gaattcccaa	gatggacatt	gtgcttttaa	120
actagaactt	gtaagacatt	atgtgaatat	cccttgccaa	ttttttttat	aataagaaaa	180
catctgacta	aagtcaaaga	atgatttctt	atggtttatt	ttgatgaaag	ttcttttaac	240
atgtcttgaa	tgtacacata	aaggaatcca	aagctttcca	ttctaactta	atcttttgta	300

<210> 563

<211> 300

<212> DNA

<213> Homo sapiens

<400> 563

gtgacattgt	gattgcaaaa	agcccaagtg	atccaaaatc	aaatatttgt	aaaagagtaa	60
ttggtttgga	aggagacaaa	atcctcacca	ctagtccatc	agatttcttt	aaaagccata	120
gttatactat	agtgataaaa	acctgtgcta	cacatccatt	tctcagcaac	ggctcctagg	180
ataatcaatc	atggcatact	gctaattgct	tgattgcagc	tgatatggag	gaaatatggt	240
tactcttttg	ctaaagtga	gttcactgcg	gaggtgccaa	tgggtcatgt	ttgggttagaa	300

<210> 564

<211> 300

<212> DNA

<213> Homo sapiens

<400> 564

gccagatga	ccttttcagg	ggtaacaccc	cagctgcttg	agagaacagt	gttgctgctg	60
gcagagatgc	attccagaga	tgcactccgc	tctggaactc	actctcagcc	acagggagct	120
gcatgcacca	caggggcaat	gcacctttgc	aggggtacct	tctggcccca	acccttgact	180
caacggggac	aactccagaa	ggtcattcca	gateccagaga	tccccatcga	actgaaggat	240
cactgggttg	cagacacatt	gcaggtcagc	ttcttctctt	gccagtcct	gcctcactcc	300

<210> 565

<211> 289

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1) ... (289)  
 <223> n = A,T,C or G

<400> 565  
 atcatgactc actgtagcct tgacttcttg ggctcaggcg atcctccac ctcagcctcc 60  
 tgcatagctg ggactacagg catgtgccac cacacctggc taatttttgt attttttttt 120  
 ttnggnaaaa acnccggtttt gccngtngc cnaggntggc ctnnanctcn ngggctaaan 180  
 caatcnattc acnagnaccc ntnaaagggc tggnatnacn ggcntgaccc cntgcantng 240  
 gccgacnttc aatttttnatg aataaaacnt acntngnaaa ntaaggggg 289

<210> 566  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 566  
 gttttataag tggagtcttc agggaatgat tatttgggaa ttaggctttg aaagagcctc 60  
 agctgtgttc cccccctcc aagaattcag gctgttattt ttcaaggctg ccacagaggt 120  
 ggggagtgga aaatgagact agtaagttaa aatactacaa agcttgctgt tcttacagaa 180  
 attcagccat tttcttgaa taaacacttc catggattgc tgcaagcctt gattaattgc 240  
 cagaatctga aatgggtgct tttgacagtt ttttcccat aggtttttgt tgcttttatg 300

<210> 567  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 567  
 tttttttttt ccaattctgt tcttttcagc ttaggaacct tagtacatgc agtttcttct 60  
 acctgaaggc ttcctcatcc ctttacctga caccacactc tgactcaggc ctttcaaact 120  
 aactaaagcc taatcttctg ggcaaagttt gctttttaat ttttttttca acaattgctc 180  
 aaagagtagt tgttttcata attaatccaa aattgtccta agaaaggcca tcatcacagg 240  
 gggcaaagtt taacatcatt tctgaaaag ggttatcata ccccccaaat aaattaggt 299

<210> 568  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 568  
 ctaatgtgct ataaattctt ctgagcttgc tgtggctaatt ttattaattt aaaaagtatt 60  
 ttttgtcttt cttaggcctc cttgaatcta gtcactctag agatagaata cacaatcttg 120  
 tctgatgtt ttacttgca actcacaatc ttgtttggtg gtttagttgc aggtttcaga 180  
 gattagaccg tatatatcta aatgctggga tcatgcctaa tccacaacta aatatcaaag 240  
 cacttctctt tggcctcttt tcaagctgaa ggcctgctga cccagggtga taagatcact 300

<210> 569  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (293)  
 <223> n = A,T,C or G

&lt;400&gt; 569

gccctggatg gaggacaaga gtttggtagt caatggcaac agtaccattc aaaaatagat	60
gatctgacg acaacagtgt aaaagaaatc atttcactgt tagtttcaa gtttgtttca	120
gtgttggaag gcntgtngtc tannctgtna aggttttatt nnntnacttt nttatctnnc	180
ntnttttann tcnactntta aattaatnnt tttntttgtt atttncatat tttttctnt	240
tatttttttt cntntttttt tttttntnt nttgnnttt tnatantttt aat	293

&lt;210&gt; 570

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 570

gttctccctt atctgatgct cactgtggcc ttgggcagcc tggcatcgag aattctcagc	60
atgttcactc ttgagttctg tgcctgcac acacagcaat ggaacagtcc caaaagattc	120
ttaagggtgg ggaaggcac taagaaaaga tgaacctgca gtccctgtta taccatctgg	180
tctaattgat actactgttg tcaagcaaaa ggagctctct ccctgaggca ctggaagcca	240
atattttgac accagggttt tgagaaagaa aagtttttta ttgtaagttg actcacaaga	300

&lt;210&gt; 571

&lt;211&gt; 276

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(276)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 571

gggtggcaag ccaccaggt gccgaggcaa gagaccgaga gcacgagctg ttccagtgt	60
ataaaatata taaaataaca agagttatac tgatatagct catagatatg attatatata	120
aataccatta atcattagtt tgtagtaatt actctttatt caaatattat aatnntnctc	180
actctncaat catnacctan atanngctng natttgnaan natnntanct gtgnntacat	240
ggtgttaact gtttanttcc nannattcnt tttttt	276

&lt;210&gt; 572

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 572

gaaagattga agaagttcat ctctctgtag aaaaagtaga tgttatcata tctgagtga	60
tgggctatct tcttctgttt gagtctatgt tagattctgt cctttatgca aagaacaaat	120
acttgcaaaa aggaggctcg gtctaccctg acatttgcac tatcagcctt gtagcagtga	180
gtgatgtgaa taaacatgct gatagaattg ctttttgga tgatgtctat ggcttcaaga	240
tgctctgcat gaagaaagca gttattccag aagctgttgt ggaagtttta gatccgaaga	300

&lt;210&gt; 573

&lt;211&gt; 257

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(257)

<223> n = A,T,C or G

<400> 573

acaacagaac	ccgaagtgcc	caggatgata	tttttacaca	agctgtaaat	atggcaggat	60
tgccagcagt	gagtatccct	gttgcaactct	caaaccaagg	gttgccaata	ggactacagt	120
ttattggacg	tgcgttttgt	gaccagcagc	ttcttacagt	agccaaatgg	tttgaataac	180
aagtacagtt	tcctgttatt	cannttcttn	nactentgga	tgattgttna	nnttnccttg	240
ttntngnaa	gttncct					257

<210> 574

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 574

attacagcca	ccttttgggt	ttcatttaaat	tttggtagt	ttaatgtcta	ttaatgtgat	60
ttttttttaa	acctttctcc	caatagggtg	atgacaacaa	gaaactagga	gaatggttag	120
gcctttgnaa	aattnacaga	tagggtnnnc	ccntannct	ggtcncntgn	nttntcntt	180
cctatcnntt	tnanatgngg	nancncnntn	ctntacgtn	cccnttnttn	ntnantnntn	240
cntattactn	tcncnttnc	ncnnntncnc	nttctttgna	nnncccntc	tcctctctgt	300

<210> 575

<211> 300

<212> DNA

<213> Homo sapiens

<400> 575

atcaacgcag	gcattgtacat	cctgagccct	gcagtgtctgc	ggcgcatcca	gctgcagcct	60
acgtccattg	agaaggagg	cttccccatt	atggccaagg	aggggcagct	atatgccatg	120
gagttacagg	gcttctggat	ggacattggg	cagcccaagg	acttctctac	tggcatgtgc	180
ctctctctgc	agtcactgag	gcagaagcag	cctgagcggc	tgtgtctcagg	ccctggcatt	240
gtgggcaacg	tgctgggtgga	cccaagtgcc	cgcctcggcc	agaactgcag	cattggcccc	300

<210> 576

<211> 300

<212> DNA

<213> Homo sapiens

<400> 576

atgaccagag	aggaaggaga	agatgcagtc	cagtttgcta	acagggttaa	gtctgctatt	60
gctatacaag	gaggcctgac	tgaacttccc	tgggatggag	gactaaagag	agcaaagggtg	120
aaggacatct	ttaaggaaga	gcagcagaaa	aattacagca	agatgattgt	gggcaatgga	180
tctctcagct	aagaggacgg	atgacagcct	ttagatctag	aactagccct	tagaaatgga	240
atggcttttt	tgttttgttt	tgttttattg	ttttgttttt	attattgtta	atcttttcta	300

<210> 577

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 577

aagattgggg	taatactgaa	tgtatagttt	ttaggggggtg	aaatttagct	gtataaatca	60
taggctgttg	acatttgtga	ttacttcatt	gctaagtttt	acatatagga	gtcttcatac	120
tttgtttcag	ggacagaatg	atgctgctga	aattggaaca	agaaatttta	gatttcattg	180
gtagtaatga	gtnagtcctg	acnttnnnna	gatnntanat	tgggntccca	ttctccttgn	240
cttctancnt	ggantntnnt	ttnttttngn	ttnnnccnt	nnntttnttt	ttgctc	296

<210> 578

<211> 300

<212> DNA

<213> Homo sapiens

<400> 578

ggcttctgca	accaggaccg	gaggacactc	ccgggggggc	agcctccccc	ccgggtgttt	60
ctggcgtgt	ttgtggaaca	gcctactccg	tttctgcccc	gcttcctgca	gcggctgcta	120
ctcctggact	atccccccga	cagggtcacc	cttttctctg	acaacaacga	ggtcttccat	180
gaacccacac	tcgctgactc	ctggcccgag	ctccaggacc	acttctcagc	tgtgaagctc	240
gtggggcccg	aggaggctct	gagcccaggc	gaggccaggg	acatggccat	ggacctgtgt	300

<210> 579

<211> 300

<212> DNA

<213> Homo sapiens

<400> 579

tcctattgta	aatcacttg	ctaaggctca	tgagaggcta	gaagattcca	aactagaagc	60
tgtcagtgac	aataacttgg	aattagtcaa	tgaaattctt	gaagacatca	ctcctcta	120
aatgtggat	gaaaatgtgg	cagaattggt	tggtatactc	aaagaacctc	acttcagtc	180
actgttgag	gcccatgata	ttgtggcatc	aaagtgttat	gattcacctc	catcaagccc	240
agaaatgaat	aattcttcta	tcaataatca	gttattacca	gtagatgcca	ttcgattctt	300

<210> 580

<211> 300

<212> DNA

<213> Homo sapiens

<400> 580

ccctatctta	tgagaaaagt	aactttgaaa	ggactaatac	atcctgttct	tagcttctgc	60
ttccttcagg	ccttctctat	gaagccagcc	tattctgctc	agcgctttgg	aaccttgatt	120
ctatttcatt	gaccgaagca	ttgcccatt	gtagaattgc	aataaaagcca	actgagatct	180
ttaaattggc	tataattcat	cctttggcaa	tacagtataa	aaaaaaatt	ctcacaattc	240
tgtaaaagg	tatgagatat	acaataaaag	acacccccac	cctctgcaat	ctaccactca	300

<210> 581

<211> 300

<212> DNA

<213> Homo sapiens

<400> 581

caaggtcatc	gccaaaggtg	gattggaaaa	attcaaaaaa	ttgcaacctc	aggcataaat	60
gggttaagga	catcccaagc	ccaagtggta	cgtgcctcac	tcagaactga	cgggccgagt	120
tctatctagg	tgtgtcttcc	agaacctgtt	tacggctaac	tggataactg	agagacttgt	180

```

catttctaaa gacatttaag ttgctccagg gatttctgaa aaaagacaca ggcttcttcc      240
tagagccagc cctatataac atgcccacaa gggcaacagt taccacagtt catacacacc      300

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<210> 582
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 582
ccaagacctc cacggccttg tgtcaagaaa tctccacaaa gtgacagtga atgatggagg      60
gggagttctc agagtcatta cagctgggga ggggtgcattg cctcatgaat tcttgggaagg    120
tgtggaggga gttgcagggtg gttttatata tactattcag gaagggtgatg ctctcttaca    180
caaccttcat tctcgccctc aaagacttat tgatcatata aggaatctcc atgaggaaga      240
tgccttactg aaggaggaaa gcagcatcta tgatgatatt gtttttgtgg atgttgtcga      300

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<210> 583
<211> 291
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (291)
<223> n = A,T,C or G

```

```

<400> 583
ctgcctcagc ctcttgagta cgctgggatt acaggcgtgc accaccatgc ctggctaatt      60
tttgattttt tagtagagat ggggtttcac aatgttgccc aggttgggtct cgaaccgctg    120
accttaagcg atccgcctgc cttggcctcc ccaagggtgct ggaattacag gcatgagcca    180
cogtgcccggt ctgacttttt tttatcttat ttctttgtga cacgggggatg tgctcaanct    240
tccaggtctg antgcaatgg cnnncatgg ntcgntgacn tcaatctgct g                291

```

```

<210> 584
<211> 284
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (284)
<223> n = A,T,C or G

```

```

<400> 584
agagtggagaa cccctctgct acaaaaaata gaaaaaccag ctggggcgtg gtcgcgctca      60
tgtatagacc agctgctgga gagactgagc tgggaggatg gcttgagccc aggaggccaa    120
tnntgtnggg agctgnggtc gtacnactgt actctaactc ggncnactcg ancacgannt    180
cntntcncat nactnntntc nggtnttttn gngnttttcc ntntnttggg ntntntntnc    240
attgttcttn ctntcncna ttgtganang ntctnttctt cctt                        284

```

```

<210> 585
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 585
gcagtcaggc agtgactgcc ttcggctttt tttctgctga ctaagatctc ctatagagag      60

```

```

ctacaacaat gcccaaaaga aaggctgcag gtcaagggtga tatgaggcag gagccaaaga      120
gaagatctgc caggttgtct gctatgcttg tgccagttac accagaagtg aagcctaaaa      180
gaacatcaag ttcaaggaaa atgaagacaa aaagtgatat gatggaagaa aacatagata      240
caagtgccca agcagttgct gaaaccaagc aagaagcagt tgttgaagaa gactacaatg      300

```

```

<210> 586
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

```

```

<400> 586
ataagaaatt gtcttgccta agattaaata tatatggata tttttcctaa gaaaagtttt      60
agaaaagact gatgagtgtg tttctatgta attggaatat atttaaggtc atnccgnntg      120
ggnnnnanar nttctnctca cactcagggn cntnggggan naacnccngt tggnggaaga      180
nnccnngnnn cnactgtgtc agcanctatc ccttttcctc acggcngntc tccnngnacc      240
tcctcgcnnr nttnnngent cccctggngn nnetctgnen ncctcccnnc attctctga      298

```

```

<210> 587
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 587
ggaagacaca ataattttaa attgcctaca gcagggggtg gcaaatagtg gtgcaagggc      60
cacatctggc tagcagccta tttttgagaa tgaagtttta tgagaacca cacatctgtt      120
ttagattgtc tatggctgcc tttgagttac agcagtggag ctgagtagct gtgacagaga      180
ctatatgacc tacaaaaact aaaaatattg gtccctttaca gaaaaagttg tctgaccctc      240
ggcctactat ttcaaactct gggtaggtcc tccacgtcag ttcttcatgg aactgtattg      300

```

```

<210> 588
<211> 290
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

```

```

<400> 588
gtccagcatt atggagtga cgtcagctcc aggaagcaga gacttctggc cctttgttca      60
ccatttcccc agaacctagg gtggtgactc acctataagt gctcaaaaaa catgtggcga      120
atggaggacc agagctaggc tctgaatgag gcctcctgga tctcacgcag gggatggaga      180
gtaaggacca gccctctac ctcagtcttt ctctctgctg nctegtanga gcccacatnc      240
ttntgtcctg agcangncan annctgnagn nctgccttga caggatggct      290

```

```

<210> 589
<211> 300
<212> DNA
<213> Homo sapiens

```

&lt;400&gt; 589

```

ggaaatcatg aaggaaggca agcagtttca ccggatagtg acataccatc gccaccttta      60
tgatatccac gtgactgttc agccaaagta taaacacgtt tatectaaga actctgtagt      120
aagaaaaagc catttgtagg gtgcttaagc ttgtttgtaa aatggcctac ttgaagtcct      180
catgaataat gaggggtgac ttccatttgc ttgaaactta aggaagtttg tgcctataaa      240
agttactgca attcagtatt tctttatttt ttccgagaca gagtctcaat ctgtcgccca      300

```

&lt;210&gt; 590

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(296)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 590

```

ggcgggcgaa tgtagtctca gcctcccgag tagctgcgac tacaggcgag tgcctccatg      60
cccagctaat tttttgnatt tttagnnann nnggcgnnca atcctgttag aaactgttgg      120
agctgcgcgc aggcactgac cctgccaccc tctactgcat taacttcanc cacgactcct      180
ccttctctcg cgcttccagt gataagggtg ctgtccatat ctttgccttc aaggataccc      240
gtcttaaccg ccgntccgng ctngctcncg tgggcaangt ggggctatga ttggca          296

```

&lt;210&gt; 591

&lt;211&gt; 279

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(279)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 591

```

ggcaagccct ggatgaaaac atggacctct tggaagggtat aactggcttt gaagactctg      60
tccgaaagt tttctgccat gttgggggca tcanttanna tgcctnngnc cgttgactgn      120
tgntntnaga ggctctgngt tccctnnagg nnanctcntt atanantctt gtntctnnng      180
tcttatcagc annntgctnt ataactctnt gtacctnccc ntttggttna gnactnnnnn      240
canataagna ttgatgecta nctctcntat nnttattgc          279

```

&lt;210&gt; 592

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 592

```

gtgaaagcgg gccctcacga tccttctgac cttttgggtt ttaagcagga ggtgtcagaa      60
aagttaccac agggggccaga acttccacct tgtggtcaat tgtttcaagt gtgtgaccat      120
acttgtcaag aaagtcaagt cttaccagat aactgaaaaa cagctccaag ttctactggc      180
ctatgctgag gaggacattt atgatacttc aagacaagcc actgcctttg gtcttctgaa      240
ggcaatttta tcaagaaagc tggttggtccc agaaatcgat gaggtcatgc ggaaagtatc      300

```

&lt;210&gt; 593

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<400> 593

gtcggctctt cctatcattg tgaagcagaa ttcaccaagc gttggattgt tcacccacta	60
ataggggaacg agagccgaac agctgaagag agttcactga ctccccagcc ccagggtgggc	120
cttgtgcaca tcatgaccag ttttgaagat gctgacacag aagagacagt aacttgtctc	180
cagatgacgg tttaccatcc tggccagttg cagtgtggaa tatttcagtc aataagtttt	240
aacagagaga aactcccttc cagcgaagtg gtgaaatttg gccgaaattc caacatctgt	300

<210> 594

<211> 300

<212> DNA

<213> Homo sapiens

<400> 594

ggaagaaaag tggcagcatg aacagtaaga gaatcattac aggctgggtg cagtggctcg	60
cgctgttaat cccagcactt tggtaggctg aggccaggag tttgagacca gcctgggcaa	120
catggtgaaa cctgtcctt acaaaaaagt taaaaattag ccgggatgtg atacctgtg	180
cctgtggtcc cagctacgtg ggaagctgcg gtggaaggat tgcttgagcc tgggagatcg	240
aagcttcagt gaaccgtaat tgcaccactc ccttccaggc tggaggacag agcaagaccc	300

<210> 595

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 595

ggatgggag cccaccatgt gttcagatgg gatattatgg tatttttcat gtggnattgc	60
ctggnatggt ttatattnnn cnnnnntttt tacangggnn tngtattggt tcttannttn	120
cmtgttttt cgnattntna tnttnncttn nttttnttn tntntnttn tttngnntna	180
tntttnttt gattcttcta tttnnnttc nttnnnttn tccttnttag tnnattntnt	240
ttttnttnc attgtnnngt ttnttnattt tttttttta ttnatatttt ttaatta	297

<210> 596

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 596

ccctgcagac ttcttcttgg acatcattaa tggagattcc actgctgtgg cattaaacag	60
agaagaagac tttaaatacca cagatatcat agagccttcc atgcaggata agccactcat	120
agaaaaatta gctggagatt tatganntct ccttcttntn cnnagagact ttagctnnnt	180
tacatntnct tttngtnnt tnannnaann tntttnnncg nttttttatt ntgggntttt	240
atttttgttt ttttttntn tnnat	265

<210> 597



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 597  
 tccgcaccca ccgtggtgaa cgggcccggc caccaccacc atccactctg ctgcggccac 60  
 ataaccaccc tggcccagta cccatggccc ctcgaccccg agttcgggcc cagccttctg 120  
 gacccagcca gcccacgtg tgtggcttct gtgggaagga gttcccccg agctcagatc 180  
 tgggtcaaaca caggcgtaga cacacggggg agaagccata caagtgtgca gagtgtggca 240  
 aggggttttg tgacagttct gcccgcatac agcaccagcg tgggcacctg gtcctgacgc 300

<210> 598  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 598  
 gagaccttga caagaaagat gcatcaatca acatagaaaa tatgcagttt atacacaatg 60  
 gcacctatat ctgtgatgtc aaaaaccctc ctgacatcgt tgtccancct ggtcacatta 120  
 agctctatgt cgtnnaaana nanantttgt ctgtntctann ngttttttnn tttntnggtn 180  
 ntccangtct ttaagnanct ctntntttgn ctcatntttt ntgtntcntn atcntgtggn 240  
 agnecgtctng tntnctann tntnnnttt gatcttttt 279

<210> 599  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 599  
 gaggatatag cgatagagat ggatatggtc gtgatcgtga ctattcagat catccaagtg 60  
 gaggctecta nngngattca tangctannt nnggcncat gactgagcgc ntnaccnttn 120  
 cnngnnccct cgnctecta ngcggctggn taaccatata cgtactacc ccgcanttcc 180  
 cggacatgat cctctccgcc tctcgagcct ctagaactat agtgagtcgt attacgtaga 240  
 tccagacatg ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaag 300

<210> 600  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 600  
 gctgattgag aatagtcgag atgacaccac ttgggtaaaa ggacagctcc aggaactgag 60  
 cactcgctgg gacactgtct gtaaaactctc tgttttcaaa caaagccggc ttgagcaggc 120  
 cttaaaacaa gcggaagtgt ttcgagacac agtccacatg ctggttgaggt ggctttctga 180  
 agcagagcaa acgcttcgct ttcggggagc acttctctgat gacacagagg ccttcgagtc 240  
 tctcattgac acccataagg aattcatgaa gaaagtagaa gaaaagcgag tggacgttaa 300

<210> 601  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 601  
 gtattaaata agatgtcttt aaacagaaac acacatatat gtattgattg attaatgagg 60  
 ctctcaggaa cctgactctg tgtttcccct aggagcagtg tttcagtatt cactaatcga 120  
 gtgttcattg tgactttata gaaccactgc aaatagttag aattaactat acatatatgt 180  
 ttctgtgtgt acgcacatgt gtgtgtatgc atacttgtct ctaaacatat gggattatac 240  
 tctgtgtctg ttttgccttt tatgtcatta tgtatactat ataagtatat ttttacatta 300

<210> 602  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 602  
 gaagtgaatg aaaagaaaga cagagttaca gatgccctta atgctacaag agctgctgtt 60  
 gaagaaggca ttgttttggg aggggggtgt gcccttcttc gatgccttcc agtcttggac 120  
 tcattgactt cagctaannn anntnantan atcnntagnn tntcaccttt tnttttnnan 180  
 anaggcctnt ttttntnnnn ncnttgnntt ttctttgggt cnnctntntt nntttnnnnc 240  
 ntncctcttt tgnntnaann tctttnnntt annttctttt natttgtttt ttgggtctt 299

<210> 603  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 603  
 cagagaaggg acagaacctg acttcaaaat ttaatatagt aatcaagaaa gtatggatg 60  
 ggtgagagaa tagacaaata gatggaataa aatagagatt ccagaaagac ccacacaact 120  
 agagtccact gatctttcaa aaaggagcaa aggcaattca atggagaaag gatggtcttt 180  
 tcaacatggt gctgtaacaa ttggacatcc acatgccaaa aaaagatgaa tctagacacc 240  
 ttacatcttt cacaaaaatt aactcagatc atagacctaa atgtgatgta caaaagtata 300

<210> 604  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 604  
 gagccatgag agcagctcgt tcccttggag aaagaactgt aacagaactg atattacagc 60  
 accagaacct tcagcagttg tctgccaatc tatgggcccgc tgtcagggct cgaggatgcc 120  
 agtttttagg gccagctatg caagaagagg ccttgaagct ggtgttactg gcattagaag 180  
 atggttctgc cctctcaagg aaagtcttgg tactttttgt tgtgcagaga ctagaaccaa 240  
 gatttctca ggcatacaaa acaagtattg gtcattgtgt gcaactactg tatcagactt 300

<210> 605  
 <211> 296  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 605

gtaaactgta tatctgtaat atgaatccca gcttttgagt ctgacaaaat cagagttagg	60
atcttgtaaa ggaaaaaaaa accggaccaa aatggagatg agtacttgct gagaatgaat	120
gagggaagga gttggcattt gttgaaagta tagtcctttt ctcttttttt ttnaatngca	180
ncctttactt taaatttagg aggtcagtn cccaggtttgt tncatgggta tattgggnga	240
tgctganctt ggnatncnaa ngatcctgtn acccagggtan ngagtntang ccccca	296

<210> 606

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 606

gtcaacatga agggcaatga catcagcagt ggcacagtcc tctccgatta tgtgggctcg	60
gcgncttcen tggncgcagg ctttcatcgn tatgtntgtc tgtngtattn tcncctntng	120
ntntntntnt tntgntgtt tttngtnctt tttttctgct ntntnttccct ttntttntnc	180
tnctaggnnn ntntntnctt ttcttantnn tttttncctt tttttggnnt tnttttttta	240
tntatgtngn tttntttgtt tntannntnt tntgnattcn attgnntatn gctattt	297

<210> 607

<211> 300

<212> DNA

<213> Homo sapiens

<400> 607

ggatctgttt ccagtaatat tattcttttt tgttccacaa atcatagatg tcaccattga	60
accttctgaa gagcctttat ttcttgctga tgaattgtat ggaatagttg gtgctaacct	120
taagaggagc tttgatgtcc gagaggatc tgctagaatc gtggatggaa gcagattcac	180
tgagttcaaa gccttttatg gagacacatt agttacagga ttgctcgaa tatttgggta	240
cccagtaggt atcgttggaa acaacggagt tctcttttct gaatctgcaa aaaagggtac	300

<210> 608

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 608

cagagaaggg acagaacctg acttcaaaat ttaatatagt aatcaagaaa gtatgggatg	60
ggtagagagaa tagacaaata gatggaataa aatagagatt ccagaaagac ccacacaact	120

```

agagtccact gatctttcaa aaaggagcaa aggcaattca atggagaaag gatggctctt 180
tcaacatggg gctgtaacaa ttggacatcc acatgccnna taaagatgaa tctagacacc 240
ttacatcttt cacnaaattt aactcanatc atatnaccta ntgtgatgta cct 293

```

```

<210> 609
<211> 267
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

```

```

<400> 609
gacggaagta aattatgatg tccaggggga gatggaggat aggacgtatt tataataggt 60
atatagaaca caagggatat aaaatgaaag atttttacta atatataatt tatgggttgca 120
cacngtacac accagaagat gntaaattnn ttgtggcat ttaannctnt ctnnnnnnntt 180
antgcnnntn nnetctaatt tttttttnnt ttgtcntttt ntntcnaag annntatntn 240
ntnnngatnn ntntntann ttctctt 267

```

```

<210> 610
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 610
gtcgccttgg gcgggagctg agcaaagtga tcattgttga caattcccct gcctcataca 60
tcttccatcc tgagaatgca gtaagtggcc ccaaagaaag aaaatgtcgt gctccatctg 120
agccctctgt cttgccaggc aggtaccact tttagcacc tacacaagaa ggtctctggg 180
ccttttcccta atgaaatccc agctctgcc tttagcagtt gcgtgtcatt gaccaagtta 240
tttaacctca ctgagcctcg gntgcctnat ctgcanatgg gaattatagg aatg 294

```

```

<210> 611
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<400> 611
ttaaatctta cttgatcatt tagagttttg cttttataaa caagcctttt gatacagagg 60
cagaagccag tgaaaaatac ttttatagag atgaggtctt tttattttat ttttttatag 120
agacaaggte ttgctatgtt gcttaggtct caacccttgg cctcaagcca tctctctgct 180
taggcctccc agagtgttag gattataggt gtgagctacc gtgctcaact gaaaaatag 240
ttagaagaca gtcctactcg acaaatatth tctttttctt ttcttttttt tttttttg 297

```

```

<210> 612
<211> 262
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 612  
 ctccggggctc caggctggct tgcccgcgct ctttcttccc tcgtgacagt ggtgtgtggt 60  
 gccggaaaag gtgatggact tagcattcac agacgacacc acacaccact gtcaaataaa 120  
 cagctattta agggggaaaa aaaaannaaa aaaanaaaaa aaaaaaaaaa aaaaaacana 180  
 aaaaanaaaa tnaaaaanna antnnnaaan canaananna atnntanaca aanaaaaaan 240  
 gaggtantnn nnnagcnnac nt 262

<210> 613  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 613  
 gattctttcc caggccacaa gacattttct gtcggaacc ttgtttacta atttccactg 60  
 cttttaaggc cctgcaactga aaatgcaagc tcaggcgccg gtggtcgatg ggaccctttg 120  
 tggagtctgn gatgntatag gtttattcna nancnttata ngctanagta aannagttaa 180  
 caanaacnnt ngnatccatt ttatgttnca ggttcagggg gaggtgtggg aggtttntnn 240  
 nnnnnntnat ngnnnnnnnt nnnnnnanat nntttttttt 280

<210> 614  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 614  
 ctcatctcta ccaacaacaa caacaacaaa attagctggg tgtggcagtg tgtacctgta 60  
 gtcctagcta cttggcaagc tgaagtggca gcattgcttg agcccaggag ttaaaggctg 120  
 ctgtgaatta tcattgtgcc actatacttc agccagagtg acaaaggaag accctgtctt 180  
 gaaataaaaa ttttttaata aaattaatta actttagtta ctataacatt ctttataacc 240  
 tttaaaaaat tttaaatttt tgactctttt tgtaataaac agcttaaac acaaacacat 300

<210> 615  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 615  
 ggcaggagga tggcttgaac attggaggctc gaggctgcag tgaactgaga tggcaccact 60  
 gtattctggc ctgggtgaca aagtgagact ctgtctcaga aaaaaaatac tgtggaaagc 120  
 ctctatgtcc caatatgaaa caatctcctg gatatactct tgtggaaaaa agcaacgttc 180  
 cacagagtat atgtagtaag ttttatctat gtcagaaaaga aggagaaata aaaatatgtg 240  
 tatgtatttg catatttttg taaaaggtag acacaggaag gataaaccaa aaatgcaaat 300

<210> 616  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 616

```

gccgacctgt gggacctgat ctttctctgg ggtagggcca tcctgggcac tgcagggggc      60
tgagcagtgt cgctggcctc cgctacttt atgccaggag cacccttagt catgacaatc      120
acaaatggcc ccagacatca accagtgtgc cctggagggc agagtctccc ctggtgagac      180
ctccattcgg tcaactccctc cccccccagg gccacgctca aagcctgtcc cagaggagat      240
cctggcctcc gcctgatctc ctctgaccct ttacaaaagt ttgctgaccc ctgacttaag      300

```

&lt;210&gt; 617

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 617

```

cagctcctcc accagcataa tgggacccag catccctgcc aaaactcggg aggtgctcgt      60
cagccacctg gcatcttaca acacatgggc tttacaaggc atgtatggag tttcttgagg      120
gcttggcagg tggctgtgaa ggccatcagt gtctgaagcc tgtacttgcc cctccccagg      180
tcctgtgagt ggagaggcac agagtgttct gggctagctg agtgtggagg ctgggtggct      240
ctgatgctag ccaatcactc tacgctctag gctcacacct ttccaccttc gacttcgcca      300

```

&lt;210&gt; 618

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 618

```

ttttttgcct tttacctggt cccttgatca tgagtttttag ctcagataac caggtatttt      60
gaagacgtga ttgtccttgg ccctgcccc tcccttcctt ttaaagggtt aaatntnnnn      120
cntgcctnnc cntngcncng aatnccnna tacnctgcan gccntcctgg gcaacancac      180
actgagcaga ccannangaa acctnggggg ctttgaccnt gtggtctctg atggcttngg      240
gggtgnntnt gcngtccang acaaccgnt annctgnant gncgnttcct acccatgcc      299

```

&lt;210&gt; 619

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 619

```

ttgaaattac aaatcacgca actgcaacac tagaaggcaa tcagattttt aacaaccggt      60
ttggaggctt atttttagca tctggtgtta atgtgacaat gaaagataac aaaataatga      120
acaatcaaga tgccatagaa aaggctgtta gtagaggcca atgtttatat aaaatatcaa      180
gttataccag ctatcccatg catgatttct acagatgtca tacttgtaac accacagatc      240
gaaatgccat atgtgtgaac tgcattaaga agtgccatca gggacatgat gtagagttta      300

```

&lt;210&gt; 620

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 620

```

taagggattt gtggcatacc atcaagccaa cccattatac acattatgga aagttcacaa      60
gaagaagaga gaaaggaatg ggcagaaagt ttacttaa atgtgaccaa aacttcacca      120

```

```

atctgggaaa gaaaatggac atccagattc aagaagacta aaggacccca aataagatca    180
acataaacac acaccaagac acattataat aaaattgtca aactctcaaa gacagtaaga    240
gaattttgaa aacaagaaaa aagtgacttg tcgtgtacta gggaacacac atcagactat    300

```

```

<210> 621
<211> 268
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

```

```

<400> 621
gagcagggat cttataaagg gccagaaata agatgtgtgg ttcacataga tagtgagcgt    60
aacatctgta ttaaacaatag gatagaagnt ttttttngnn nttgattnct ccnctngntn    120
cngttntntt ctngggtttn gtctntnttn tnaactttnt tnttatnttn ngctctnttt    180
ntgcttcnat gcttntnttt ntntntnttt atttnncett cnnntntttt nttttttttt    240
ttntngtttn tttnccttc tnnntntt

```

```

<210> 622
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 622
gataacagca gcctccgctc tctcattgag aagcccccta ttctcagtag ctctttcaat    60
cctatcacag ggaccatgct ggccggcttc cgctccaca ctggcccgtt gccggagcag    120
tgtcatgtga tgcattttca nnctgccnaa nggangaata ngcgccangcg cntanagtag    180
gcggcccnng atcntgggcc angagaaana cgnncnagat gngagngnga cnagnngnng    240
aatngggggn anganagtgg tngngnanng gagnngagng nnagcggggn gaggggggagg    300

```

```

<210> 623
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 623
ctgccttcca aaaaaatcgt caagcgggca gaggagtgg tggggcagga gttgccttat    60
tcgctgacca gtgacaactg cgagcacttc gtgaaccatc tgcgctatgg cgtctcccgc    120
agtgaccagg tgcattttca gctgcatcc ccttcccagg agccaggcca ctccctcagc    180
tgccagaggc tgggtccctg ctggggccag ggtgggatgg aaatagacat gagcaagaca    240
aaatagcaga tatgaaactg ttgtccttga ggggtgtcaca tttggggtgg ggacaagggt    300

```

```

<210> 624
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 624

```

```
gcacaatgtc tacccagaga tgtttgttcc tgacctgacg cccaccttct atggtgccat      60
caagaacctc ggcaccaacc aatgcctgga tgtgggtgag aacaaccgcg gggggaagcc      120
cctcatcatg tactcctgcc acggccttgg cggcaaccag tactttgagt acacaactca      180
gagggacctt cgccacaaca tcgcaaagca gctgtgtcta catgtcagca agggtgctct      240
gggccttggg agctgtcact tcactggcaa gaatagccag gtccccaagg acgaggaatg      300
```

&lt;210&gt; 625

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 625

```
gtcagctcgg gcaagccctc cgagaagaac ctctacgccg acatcgacgc cgcgtggcag      60
gcgctgcgca cccggtatgg cgtgagtcctc gagaacatta tcctctatgg tcagagcatt      120
gggactgtcc ccacggtaga cttggcctcg aggtatgaat gcgcagcggc aattctccat      180
tcccctctga tgtctggttt gcgtgtggct ttcccgata ccaggaaaac atactgcttt      240
gatgctttcc ccagcattga caagatatct aaagtcacct ctccctgtgtt ggtcattcat      300
```

&lt;210&gt; 626

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 626

```
taacttaaaa ctgccttttc aatttccagc atgtatagaa aatatgattc gactagaata      60
aagactgaag aagaagcctt ttcaagtaaa aggtgcttgg aatggttcta tgaatatgca      120
ggtaggtatt catctgtatc atctaagact gatccttatg acaataagga gtaccttaga      180
gatgattaaa gaatttaaaa atgtgtacat ttcaaatttg ggtgtgtgtg tgtgtgtgtc      240
cctgttagag ggagagaggg acatagctgt aacaaatcac cagatagcct attttatagc      300
```

&lt;210&gt; 627

&lt;211&gt; 278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (278)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 627

```
gccatgggca ctgtgagcct gggccagctc cccctgcccc ccatccctca tgtgttctca      60
gctggcactg gctctgccat cctgcctcat ttccatcatg cattcagata attgattttt      120
aaagtgtatt tttngtattc nggaanacgt atnatnanta ntentaattn ttataagatt      180
nnntttnggn nttttaannt ntgtantatn nntatnttnc nttntntatt tntannantt      240
tntantntnt tnannagtnn ntnactnttn taatttta      278
```

&lt;210&gt; 628

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 628

```
agaaagcaga gtgtgcagtt gtgttgactc tttgtctccc ggtgataaac ccatgtgata      60
ttttaccaa gtagataatc aaaagaattg accaaaaaat attaaagcaa agcaaagaaa      120
caaaaggatg tactgccaga agtgaaattt gaatggaaca taaatggaat tacagaggaa      180
```



atagcaaaga gtgggaatgt tggcactgct gttgttccag tgactctaga tttgctgcca 240  
gacaaactta gtgaaagcat tgtgacataa aggatgaaca agtgacactg gcataagatt 300

<210> 629  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 629  
ggagaatcac ttgagccccg gagttctggg ctgtttagt gcactatgcc aatcaggtgt 60  
ctgcactaag ttcagcgta gtgtggtgac ttccttggg actcccaggg gactgccaga 120  
ttgcctaagg agagatgaac tggccaggct agaaatggag caggtcgaaa ctccatcct 180  
gatcagtagt gggattgtgc ctatgaatag acactgtatt ccagcctggg caatatagca 240  
agatcctgtc tctaaacaaa ataaaacaaa acataaaaaa aacccttgt ctggaacaac 300

<210> 630  
<211> 268  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (268)  
<223> n = A,T,C or G

<400> 630  
gggtggcctg tccagctcag catccttggg agtggccacg tacaccttcc tccagcagct 60  
ctgtccagac tggggcacia tagctgccg cgccatttg cgtcattgcc ccatggctcg 120  
cctcagctnt gcgnntctga ccntagtggn gntnctnatt gnnnnncana ncccanctat 180  
cgtgangatn cttnnnttct gtttngnca tngntatntg ntcttannat tgcatanntn 240  
tcnnngtntc tnttttntnt atnnnaaa 268

<210> 631  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 631  
gttcagtgt ccccgaggatt actctggcta tcaacgggat ggatatcagc agaatttcaa 60  
gcgaggctct gggcagagtg gaccacggg agccccacga ggtaatat tttgtgtggtg 120  
atcctagctc ctaagtggag cttctgttct ggccttggaa gagctgttaa tagtctgcat 180  
gttaggaata catttacct ttccagactt gttgctaggg attaaatgaa atgctctggt 240  
tctaaaactt aatcttggac ccaaatttta atttttgaat gatttaattt tccctgttac 300

<210> 632  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 632  
aaaaatatgg gctgggatta caggcgtgag ccaccacacc cagcctttct tttagtgett 60  
taaatatatt ggccctctgc cttctggcct ccaagtttct gatgaaaaat ctgcttgcga 120  
ttttattgag gatcccttgt atgtgacaag tttcttccct ctgctactt tcaggattct 180  
aactttgcat ttcaaaagtt agactataat gtgtctcagt gtgggtctct ttgagttcat 240  
tttacttgga gttacttgag ctgcttggat gtttatatgc atgtctttca tcaaatttgg 300

<210> 633  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 633  
 ggggtttcaa gaacgtgcct cttgggaagg acgtccgcta cttgcacttc ctggaaggca 60  
 cccgggacta tgagtggctg gaagcactgc ttatgaatca gacggtgatg tcaaaaaacc 120  
 ttttctggtt caggcacaga ccccaggaag cttttcgga agccctgcac atggacaggt 180  
 acctgttgcg gcaccagac tttctccgat acatgaagaa caggtttctg aggtctaaga 240  
 ccctggatgg tgcccactgg aggatatacc gccccaccac tggggccctc ctgctgctca 300

<210> 634  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 634  
 ggcaaaggaa ctaaagaagc ctaatgaaga catgtgctta gcagaccaa agcctttgcc 60  
 agagtgcct cgtattccag gacttgttct ctctggaagt acattttcag actgtctcat 120  
 ggtgtgacg tttttacgaa actttggtta agttttgggc tttgatgtga atattgatgt 180  
 tccaaacctg agtgttcttc aagagggatt gctaaatata ggggacagca tgggtgaagt 240  
 acaagacttg cttgtgaggc tcctctcagc tgctgtatgt gatccaggtc taataacagg 300

<210> 635  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 635  
 gaaatacttt gagcagctct gtgggggtgta aaccttctgg tggggactga aaatggcctg 60  
 atgcttttgg accgaagtgt gcaaggcaaa gtctataatc tgatcaaccg gaggcgattt 120  
 cagcagatgg atgtgctaga gggactgaat gtccttgatga caatttcagg aaagaagaat 180  
 agagctacga gtttactatc tttcatggcc agaacgcaga atactacata atgaccaga 240  
 gngtnaaaat ttaaatcang gncntatca ctgtt 275

<210> 636  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 636  
 actaactggg ggattttatt tataagggtc ctagaaaaaa cgagttattc acaccagcat 60  
 catcttaact aacattctga actagttagt gctgcttttt attntgtntn ntcttnttnn 120  
 ntttntntn ncttnnttt cnantnttn tntnttttt atctcttnt ntcttnttt 180  
 ttntntttct ttntntngtn tntnnantat tctattaggt ntntcatttg ngtttntctn 240

nttttntgt ntcgctnttc ttggnennntn ttttntnnnt tattntnttt nttttggttt 300

<210> 637  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 637  
 gaacatccca ccccccgca gccagtgtc cttgtcaagc tcccccgtc actccagggtg 60  
 ggagccaccc cggtagggg gtgtgccact tgtccccagg gcactcctct gggcatcccg 120  
 ggtgggggat tttggggccg tggggggcag tctctggtag ctgtgtgcgt cagggatgct 180  
 ctgcacctgc aaccagggtg cgtccacggg cgggggcatg gtaacagtgg tcctgttgat 240  
 gtcaccgatg atgtgagcg cctccttcag cgcgtggtgc atgtgcagca tctcgtcgtg 300

<210> 638  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 638  
 gaagccagcc aacttcttgg atcttggagg tgggtgaaag gaagctcaag tatatcaagc 60  
 attcaaattg ctcacagctg atcctaaggt tgaagccatc cttgtcacta tatctggagg 120  
 tatagccatn anaaggctgc aattaccaag gnatcancaa ccnattgcat tcatntnatn 180  
 cntcagggtc acgtgnaggc ntgggaggtt taantagcaa ngntnnnnnn acangggcta 240  
 canncaatnn nccccgtant atcnna 266

<210> 639  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 639  
 ggaggccaca gtaaacctcc tcacagccca ctggtectca agagggtgcca cgtctccaca 60  
 catcagcaca actacgcagc gcctccctcc actcgggaagg actatcctgc tgccaagagg 120  
 gtcaagttgg acagtgnacg agtccngnna cagatcacnn tctancntaa tctncactca 180  
 nnctncagnt tncctggncn cnngtangnn aatngnaant nnnnnntttt tttcnntana 240  
 tnnttcttnn actnttnnnc ntngtnnatt ttctt 275

<210> 640  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(269)

<223> n = A,T,C or G

<400> 640

actacttttta tttataagga aagttttctct attttgttta taaacattaa accagtgtctg	60
tgtgaaggca cttaattggg gggagggtgtg ggagggttnc angccctac cacnnntnac	120
nncccatanc ccccatgtg tgnnaaaaaan ggggantnga nttactanca ganntancca	180
cctanntnan ncccccncc atgccncat nnnangnggc tgcctntnac gaanannnn	240
ctggnnanag nncctanncc ttnnnatth	269

<210> 641

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 641

aagagtgaaca agcattggta acagtgcctt agaactgtgt cagttagtct gatttggaaa	60
tcctttatgt aaagctgaga ctggtcctgg ttttgtccc tttggctaca gacctnttgt	120
ccnagnteta ntgtnnccat tncggccttt ncagntnnnt gnattectec ntatcnntt	180
tctntntnc ctttatnttc ctgttcttta ttttncttt anntecteng tggatctcta	240
ttnnttcta ngnggcctct tectnnttg anttntntc tntnanteet tgtec	295

<210> 642

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (262)

<223> n = A,T,C or G

<400> 642

ctgtaaatga caaaagaaaa agaaaaattg agccttgga cgtgccatt tttactgtaa	60
attatgattc cgtaactgac ttgtagtaag cagagttnt gnnnncnang nattgtagac	120
ttnttatnn tnattnnn nngantnct tntnaattn cttntaatn tnnacattna	180
tgnttcnttt annttannn ttantntta ttgntntct nnnnttttt ntnctttna	240
ttttntttt actnttatt tt	262

<210> 643

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (272)

<223> n = A,T,C or G

<400> 643

ggagaattcc cttattgtc acttctctga gcttcaaggt tctgaagcat ccagataaga	60
agttccgggt tggccaggcc ctgaggcca ccgtgttggt cccagattcc tccaagacc	120

tcttatgtct gtccttcaca ggtcctcaca agcttgagga aggggangtg gccnnngccg	180
ntcggtgann gtgatnnann aacnngnnnc tcnennntcc tcttcnctn tgctnnncann	240
nnannancnc nctnnttcac tgaccgactt ct	272

<210> 644  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 644	
gatgtgtctg gtgtgggttt cccaagcaag gttccttga agaagatgtc tgcagaggag	60
ctggagaatc agtactgtcc cagccgatgg gttgtccgac tgggagcaga ggaagccttg	120
aggacctact cacagatagg aattgaagcc accacaaggg cccgggccac caggaagagc	180
ctgctgcatg tcccctatgg agacggcgaa ggggagaaaag tggacattta cttccccgac	240
gagtcgtctg aagccttgcc tttcttcctg ttctttcacg gaggatactg gcagagcgga	300

<210> 645  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(288)  
 <223> n = A,T,C or G

<400> 645	
ttttgacctt gaaacgatga tcctcaaggt ccttctcagc actggtattc cctgaaggca	60
ttggatgaat aacggagatt ctaacagtct ctgttaagac aggatngta aagnggncnn	120
tgancttnaa tntnttccct ntannanttt ntngnannnn ggantncttn attttttttg	180
atngatnnnt ganattttta nttnttttgt ttnnanntng nttnnanann nngcnntttt	240
taggggngta nnttnactt ttatttanct ntntnnggna ttttggtt	288

<210> 646  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 646	
gccatcttcc agtaattcgc caaaatgacg aacacaaagg gaaagaggag aggcacccga	60
tatatgttct ctaggccttt tagaaaacat ggagttgttc ctttggtcct tatatngcna	120
atctatntnt tnggcannnn tntncntggt tttttnatn nttttttttt tttttttttt	180
ttgntcnenn agntttaata aaattttttt ttnanccnnn tattanncta ncntttatnt	240
nnaanatann ncnattngt	259

<210> 647  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 647  
 tgccccaga actgtcctgg ctccctccgt attaaacgca ttgcattht gagaagtgtc 60  
 cttccactt cagccctccg gagagactac cctagtcttt ctggggtgmn gatgaactaa 120  
 gntgaagctt ggcctatntg ctgagagggt angancngaa gtganannng nntnaatgcc 180  
 cactngaagt aagctgagag agagatctan naaaagctan aactcatgnt gtctatcttt 240  
 gaacttggga naaaccaca aggtgctgct gcttatatct gngaagcact ancttattct 300

<210> 648  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (270)  
 <223> n = A,T,C or G

<400> 648  
 agcatatgct tgtctcaaat tgaaaaacgt attcaagaaa tcattgagca gttagatgtc 60  
 acaactagtg aatatgaaaa ggaaaaactg aatgaacggc ttgcaaaact ttcagatgga 120  
 gtggctgtgc tgaagggttg tgggacaagt nctgctttga ttcnnttcnn ncannngnnn 180  
 cntcntttan ntncnttatn nnnccctnng annnnnntn cctnngcntn nnnctcnntn 240  
 nntcntnttt cnnnnntcnt ntnttantnc 270

<210> 649  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 649  
 ctgttgatcc aagtgtagcc tgaagcgaaa gaggagcctt ccagacccat gccatatata 60  
 aacacacgtg ggtgtgcatt ctccccccac accttctgtg caaagctggg agctcactcc 120  
 actgcgtctt gcttttttct acttggcaga tcttgagat tgttccacat cagtacataa 180  
 agtacataaa gattgtcacc ccacaaatac acaccaagtc ctattttcat cagcgataaa 240  
 aaagaaaagt tcttgctttc cggaagcttg catgcggctc tgagtaccca gtgacaccag 300

<210> 650  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (281)  
 <223> n = A,T,C or G

<400> 650  
 tccagtgcga acggccagac ctgacctgcc agctccgggc gtggggtgaa atctcttgat 60  
 tcctagtctc tcgatatggc acctccgtca gtctttgccg aggttccgca ggcccagnct 120  
 gnnctggcnt tnnagctnac tggcnacttc agngaggata cgganccccg caaggacaan 180  
 ctgcaanngc gagagtatca tggacactna nggactgntg ctttcatgta cttccantgn 240  
 tggatcatgg tatgacnaca ttttancnan ntgncaattg a 281

<210> 651  
 <211> 273  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(273)  
 <223> n = A,T,C or G

<400> 651  
 gggatcccga gctgtcctgc agctgtaccc tgagaactca gagcagttgg agctgatcac 60  
 aaccagggcc acaaaggcag gcttctccgg tggcatgggt gtagactacc ctaacagtgc 120  
 canntatan naatnttcct ttgtttana tntgaccttn ttncnntnnt nctnttngct 180  
 ntntatnnac ttnttcaaaa nctncttngn gtgntcngtt ctatctatnt atnttntntc 240  
 tcntttcntt tntgnanttt tgattntatt tat 273

<210> 652  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 652  
 cttgggctgc ttattacgct cactattatc aacagcaagc acagccacca ccagcagccc 60  
 ctgcagggtgc accaactaca actcaaacta atggacaagg agatcagcag aatccagccc 120  
 cagctggaca ggttgattat accaaggctt gggatgagtg ctncnnnata atggntcnnn 180  
 nnnnttnntt ncttntntnt ntaaaantnna nnnancntga atttancnnn attcataaac 240  
 nnnatnnntc nncntntntt aantcta 267

<210> 653  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 653  
 cccaggatgc ccttgagggg gccctccgac gcctgcttca ccacctttga cgctggggct 60  
 ggcattgccc tcaacgacca ctttgtcaag ctcatcttct ggtatgacaa cgaatttggc 120  
 tacagcaaca ggggtgtgga nntnatggcc nacatgggnt nnatnganta tnaanntggg 180  
 atgtncnng ngnatcnann nnnnecgatt cnttnttttn antttctgtt tnnctntnaa 240  
 tntcgnnttt nt 252

<210> 654  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 654  
 aagactttct cctaagtctt ggaaaacccat aactgacata gttctaaatg gcacagtctt 60  
 cgtgacacta gatattggaa aacaactaat taaagctcat aaaggagcag cattcctttt 120  
 tatttctacn attnntgttn atactgtatn nntnntnnn ttcctatcct nnnnttntnn 180  
 atttncntnt ttnnnttatt cttnnntan tattgnattt ntnanttnaa nngnntgnt 240  
 gnnntttttn gnnnttntat 260

<210> 655  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 655  
 attttcaatt tggagcatta actaaatgct catacacagt taaataaata gaaagagttc 60  
 tatggagact ttgctgttac tgcttctctt tgtgcagtgt tagtattcac cctgggcagn 120  
 gagctgcca gctttctggt gnnntcttgn tccnctntc tattnnnnnt nctntccgn 180  
 cnnncctntt cctctggann cttcttctc tctnntttg tctnnntngn nctntctnc 240  
 tnnanctttn nnttntcnc cncnng 266

<210> 656  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 656  
 gtggagctac agatgaagat gatggagctt gctaataaat cccttcccac cccaagcttc 60  
 ctttatgact gataactagc tccagctgcc ttttaagttca gtatccctag tgagctgact 120  
 ttcccacatc tgctctcttc tgctacttt tctgctcct ctanacnntg ttgnctctcn 180  
 tttagcggcn gcctactcta nntnctttt ngtttangnn cctaaananc cgggntnacn 240  
 aatncttgcc ttgatctnc nntttnggn gttnnntttt taattttgga a 291

<210> 657  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G



<400> 657  
 ctttggaac aatatgcaat gtgaagcggc cgtgtgtgtga gtttagtaag gctgtgtaca 60  
 ctgacacctt tgcaggcatg catgtgcttg tgtgtgtgtg agtgtgtgtc cttgcgcatg 120  
 agctacgctt gcctccactg tgcagacctg gtatgtggca tgaacatnag gaaggcctct 180  
 tttcatgac atggcntnca anagtgtctc gagcncntc tttgncatga tacaaccga 240  
 tgctntntga ctgatgactc tgnt 264

<210> 658  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 658  
 ttagccagga tggctctgat ctctgacct cgtgateccac ctgccgcggc ctcccaaagt 60  
 tctaggatta ctggcatgag ccaccgtgcc tggccagcaa ttagaatttt aacactggca 120  
 gttatgaata atatgaagga gangtnnana tctgannnan nntggattag cnntcnnttg 180  
 ngctnctttc cgttcatctc atccacagct ttctgtgcat cttcatgcct ttcaaagctt 240  
 acaaatccaa atccttttga ttttccactt tcatcagtca ttactttcac acttaaggca 300

<210> 659  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 659  
 aattagggct gctgtgatat tgtcagcttg cattaacaat tagaagatag agaaccgcc 60  
 atcaggggtgt ctacctaact tctcaggac tacacttggc agcnttccac cattnanaga 120  
 acngnnanct annancntt tgcnnntta ncccaanngc ttncctactt ctcannttcc 180  
 ttngncccta nnnnnatnnt nnnatctttn cccctagtnc ctnccttnnc gccatcttct 240  
 ttntntnnnt tgncttnann ttntntnt 270

<210> 660  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 660  
 aggacagaaa aatgggtggc attggaggga attttgga gtaaagtgtg tgggttaggg 60  
 actactggac atactgggag tacagtttgg ttaatgagcc tgaagtccg gactaagngg 120  
 taagttccat ctggcttttt aacaggactt aattgntgtg tnnagtnagg gagttttttg 180  
 ntntttnttt nnnntntnnn tntctttttt tantntntnt ctncctcttc tcctnttttt 240

tntntntntcn nttntntnt ttttct

266

&lt;210&gt; 661

&lt;211&gt; 266

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 661

gttaacaagc gtcataaaca ggatgcacgt ggtcagcgtc ccctacgcgc tgatgaaggc	60
gaacccactc tcctggatcc agaaagtgtg cttctataaa gctcggggccg cgctgggtgaa	120
gtcgcgagac atgcactggg ctctcctagc tcagcggggc cagagggacg tcagcctcag	180
ctcactgcgc atgctgattg tggccgatgg tgccaaccgc tggtcgatct cctcctgtga	240
cgccttctc aacgtcttcc agtcca	266

&lt;210&gt; 662

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 662

agaagaagca gttgaacagt tctttagagt tgggtgaaaa aaaatcatag ccccaactaa	60
aaatgctggg gtcacaattg aagaggaaaa aaattcaca ttgacctgaa tagtaaattc	120
tctaattgtg gatcttgc ataatgaaaga tctgggttaa gccctcaagt ctaatgattg	180
ataccaagga aggcattctg cagtattgcc agaagtctac cctgaactgc agatcaccaa	240
tgtggttaga gccaccaac cagtgacct ccagaactgg tgcaagcggg gccgcaagca	300

&lt;210&gt; 663

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 663

ctgcactgtg aacctgggca ctccgcgcgc atgccaccgg cctgtgggtc tctgaaggga	60
cccccccaa tcggactgcc aaattctcgc gtttgcgcgc ggatattata gaaaattatt	120
tgtatgaata atgaaaataa aacacacctc gtggcaaaaa aaaaaaaaaa aaaaaaaaaa	180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaatt aaatataatt taatannana	240
aaaannanaa naanntntnt anat	264

&lt;210&gt; 664

&lt;211&gt; 147

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 664

gctcggtttg agggctcggc gcggggtttc ctgttcctcc ttctgcgcgg ctgcagctcg	60
ggacttcggc ctgaccacgc ccccatggct tcagaagagc tacagaaaga tctagaagag	120
gtaaagggtg tgctggaaaa ggctact	147

&lt;210&gt; 665

&lt;211&gt; 280

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 665

aattcaaggc ctgtcgagcc tctagaacta tagtgagtcg tattacgtag atccagacat	60
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt	120
tatttgtgaa atttgtgatg ctattgcttt atttgtatcc attatatgct gcngntaaac	180
tagnnanacan ctacnnttgc nttcatttta ntttnagtt ntntnnntnn ttttgttgn	240
ttttgttnta ntttntctntc tttatntntt tttttttttt	280

<210> 666

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 666

gtaggggagg ggctcctttc cataaatcct tgatgattga caacacccat ttttcctttt	60
gccgacccca agagtttttg gagttgtagt taatcatcaa gagaatttgg ggcttccaag	120
ttgttcaggt cctctgacac cttttggtat cgtaattttt actgatttgt gtagaatgtc	180
agttgtattt taccagctaa tatctagaaa tgctggcaag aggggtttac tccagcttta	240
gattgnaggt atgctacctt nttcataca gngnnttann nttactga	288

<210> 667

<211> 163

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(163)

<223> n = A,T,C or G

<400> 667

tgaaattcag ctaaccgagc agctacggtc cctcatcccc aacgaggatg tgagaaagtt	60
catgtctcat gttatctgga ccttgaaaat ggaatgttca gaaacacatg tgcaagggag	120
ctgtgccaa gctcatgtcg gaacaggcct nctgatgaag ctt	163

<210> 668

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 668  
 ataaaaatcga taaggaaaaat cgtgaagtcg atagaaatga aggcctgaaa ttgacacgaa 60  
 agcattccat gttatttata gaggaagtg caaaaacctg tgatggtgta caatgtgcct 120  
 ttgaagaact tgctgaannn atcnttcana cccntggact gtgntaacng tncntntcnt 180  
 cntnncnntt nntacctctt cnnggnnncn ntccctattn ggnatntntt ntngnnnnng 240  
 nctnancctt ttannttttn tt 262

<210> 669  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 669  
 accaagtgcga tttagttgaa tgaagtcttc ttggatttca cccaactaaa agtattttta 60  
 aaaataaata acagtcttac cttaaattatt aggtaatgaa ttgtagccag ttgttaatat 120  
 cttaatgcag atttttttaa aataaacata aaatgattta tctgtatttt aaaggatcca 180  
 acagatcagt attttttcct gtnatgngat ttttnnantt tgnncattt tannntantt 240  
 nanntgttna tntttntct anntcttatn tttntngctt attttttttt t 291

<210> 670  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 670  
 acaagaaaaa tgattcaaaa aactgctgag ccacttttgg ataaggaatc aatttcagag 60  
 aatcctactt tgattttacc ttgttctata gggagaactg agggaactgc acattcatcc 120  
 agtacctcag atgtggatnn nccggngct tctnnggctn tttannttnn ttcnnngtnc 180  
 ntntntgga nttnttattc tnttncntcg tncantngtg cctttactnt tntcntnnnc 240  
 cnntanntgn tnnnannggt cntt 264

<210> 671  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 671  
 gctcactgaa gcttaagtga ggatttcctt gcaatgagta gaatttcctt tctctccctt 60  
 gtcacagggt taaaaacctc acagcttgta taatgtaacc atttggggtc ccgcttttaa 120  
 cttggactag tgtaactcct tcatgcaata aactgaaaag agccatgctg tctaggctac 180  
 aacnnnttn tnnaannggn nnnnnngctt tnngcnccn tttgnnccn gnggggaann 240

nnnaccnnnn aaccnntttt t

261

<210> 672  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(251)  
 <223> n = A,T,C or G

<400> 672  
 attcatttct ctaacagcag taatattaat aattttcatg atttgagaag ccttcgcttc 60  
 gaagcgaaaa gtctaatag tagaagaacc ctccataaac ctggagtgc tatatggatg 120  
 cccctcacc cacaaccacc accaccacaa taaacaagtt gctgacagcg gaaaaaaaaa 180  
 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa anaaaaaaaaa 240  
 ataaatnntn t 251

<210> 673  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 673  
 ctgggtttca ccatattggc caggtgggc tcgaactcct gacctgggta tccccgcct 60  
 cggcctccca aagtgccagg attacagacg tgaagcactg caccgcgcc acactgtagt 120  
 ttttttagca gacagtttca tggcctactt cactaagtag atggagatat cccccatct 180  
 tccatggaaa tgtctttctt acttgectct tatttctcta tcttagaaaa agaggaatcc 240  
 agtcgggctc ggtggctcac acctataatc tcagcctcct gagtagctga gactacagcc 300

<210> 674  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 674  
 accagattgt tttgcttcag cctcaggtga tcagactctg agaatatggg atgtgaaggg 60  
 agcaggagta agaatcgtga ttcctgcaca tcaggcagaa atcttgagtt gcgactgggtg 120  
 nacatncnat ganaatttgc tggngancnn tncgnttnan tntttntn tntntntnn 180  
 ntgnctttnn tcnnntatnt tntntntnn nntnacnncn ntcnagtnng tcnnngnatct 240  
 ctnttttgnn nttntntntt gtccggt 267

<210> 675  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)

<223> n = A,T,C or G

<400> 675

ctcccaagggtt	ggctccacgg	aaaacatcaa	gcatcagcct	ggaggaggcc	gggccaaagt	60
agagaaaaaa	acagaggcag	ctgctacaac	ccgaaagcct	gaatctaata	cagtcactaa	120
aacagtcggc	ccatttgcca	aattgcnnnt	tcntntnnnt	ntatattgtn	ttntnnttgt	180
tttaantntt	ntncntntaa	ctnntntnnn	ttcttttnan	ganntnttn	nnattntnntn	240
cgtntttttt	attnaatng	ttntt				266

<210> 676

<211> 300

<212> DNA

<213> Homo sapiens

<400> 676

agaaaagattc	tcgcttaaaa	aaatgtat	attttatggc	aagttggaaa	aaatgtaact	60
ggaatctcaa	aagttctttg	ggacaaaaca	gaagtccatg	gagttatcta	agctcttgta	120
agtgaagttaa	tttaaaaaag	aaaattaggc	tgagagcagt	ggctcacgcc	tgtaatecca	180
gaactttggg	aggctaaggt	gggtggatca	cctgaggtca	agagttccag	accaggctgg	240
ccagcatggt	gaaaccccg	ctgtactaaa	aatacaaaaa	attaactggg	catggtagtg	300

<210> 677

<211> 300

<212> DNA

<213> Homo sapiens

<400> 677

ggtagaagca	gcaaagaaag	cccaccatgc	agcgtgcaaa	gaggagaagc	tggtatctc	60
acgagaagcc	aacagcaagg	cagaccatc	cctcaaccct	gaacagctca	agaaattgca	120
agacaaaata	gaaaagtgc	agcaagatgt	tcttaagacc	aaagagaagt	atgagaagtc	180
cctgaaggaa	ctcgaccagg	gcacacccca	gtacatggag	aacatggagc	aggtgttga	240
gcagtgccag	cagttcgagg	agaaaacgct	tcgcttcttc	cgggaggttc	tgctggaggt	300

<210> 678

<211> 291

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 678

gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gagagagaga	60
gagagagaga	gagagagaga	gagagagaga	gagaganann	gaganagana	nagagagagn	120
gagagagaga	ganagagagn	gnnngagann	nagagnngnn	cntcatctgc	ttntcncac	180
gcactcncnc	ctgnccctnc	gtttnttgnt	tcctgatctc	acttccgtct	ngctcactct	240
cnctngctgg	ngattctgnc	ctgnnaacnn	atactnantt	ttntcttat	g	291

<210> 679

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 679  
 gagtcaggaa ggtaaggcgg ggagtgactg aataaactct gcctttttaa ttgagcatct 60  
 gggccgggca tggtagctca cgcctgtaat cccagcactc tgggaggctg aggtgggacg 120  
 tgtcatgctg atccagtttg tgaacgtgct gctncaggtc ctggtccaca agtcccatga 180  
 tcttntnnan gaggagattg gcatcgccat ntacaacatg gcctcagtca antttgatgg 240  
 ctcgtttgcc gnnttntctnc cngagttcnt gaccnctnt natnntgtng attcctg 297

<210> 680  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 680  
 gaacctcatc aggaggactg aaggaaagga gccaggctgc agccctctgc ctgcccttcc 60  
 gtgccatcat ctccaggatt aatgaaaggg ccattcagga aacagcacag ggagctacaa 120  
 atttacgggt tccactggtga ttgatctttt catccagcac aatggacaga agtctaagga 180  
 acgtccttgt ggtttccttt gggttcctgc ttctctttac agcctatgga ggtctgtaga 240  
 gcctgcnagag cagtngtac agttag 266

<210> 681  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 681  
 ggacagcact tagtagctgt ggaggaagat gcagagtcag aagatgaaga ggaggaggat 60  
 gtgaaactct taagtatatc tggaaagcgg tctgcccctg gaggtggtag cacgggtcca 120  
 cagaatntag tanaacttgc tgctgatgan gatgatgacg atgatgatga agaggagat 180  
 natnnnttgn nnatntnctt nntntntttt nnnncnnntg ttgntntttt nttccccnnn 240  
 ntannataaa ttgntntttt 259

<210> 682  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 682

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cctttgaatg taaagaatgt ggaagatcct ttagaaatc ctcatgcctt aatgatcaca      60
ttcaaattca cactggaata aaaccacaca agtgtactta ctgtgggaaa gccttcacta      120
gatcaactca acttactgaa catgtaagaa ctacactgg aataaaaccc tatgaatgta      180
aggaatgtgg ccaagccttt gctcagtact cgggcctttc tatacacata cgaagtetca      240
gcggnangaa nncctatcag tgnnaggmat gtngannng cntcnctact ccctc          295

```

&lt;210&gt; 683

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 683

```

actataggcg cccaccacga cgcccggtta attttttgta tttttagtag agacgggggt      60
tcaccagggt agccaggatg gtctcgatct cctgaccttg tgatccgccc gcctcggtct      120
cccaaagtgc tgggattaca ggctgagcc accgtgcccg gcctacaaat gttaacaaag      180
caattaccaa tggccttttt acatatTTTT tctttaatga ggaataatat gcatgtagaa      240
aagacctact taaagtcttc atttatattc tttcaaatca aatctttatt taataactta      300

```

&lt;210&gt; 684

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(291)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 684

```

aatttggtc gcagcgcagc cgtggcccggt gcttcctctc actcatccca gacacagggt      60
gggggcagcg tcaccaaaaa gcgcaaaactg gactccactg agagccgcag cagcttctca      120
cagcacgcac gcactancgg gcgcgtggtc gngnaggagg agnncttagg gacgtatctg      180
ctatgaaaat cccaaanttt tcagatagng ccctaaaaac aattttatat gccnactggt      240
ttggtattct taggntattc ccacacttga ctttatcatt ggtactacta g          291

```

&lt;210&gt; 685

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 685

```

agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag      60
agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag      120
agagagagag nnattnnctc tntntnctcc tctctctcnt tttntcccc ctnttttccc      180
ttntttnttc gntntttntc ntntntntt ctctntctcg tctcnnntnt ntntntntn      240
cctctccttt tttctntctc ctntntntcc ttcctnctnt tcttggtctc ttctttcttt      300

```

&lt;210&gt; 686

&lt;211&gt; 238

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



```

<400> 686
gaaatacttt gtgcagctct gtgggggtgta aaccttctgg tggggactga aaatggcctg      60
atgcttttgg accgaagtgg gcaaggcaaa gtctataatc tgatcaaccg gaggcgattt      120
cagcagatgg atgtgctaga gggactgaat gtccttgtga caatttcagg aaagaagaat      180
aagctacgag ttactatct ttcattggtta agaaacagaa tactacataa tgaccag      238

<210> 687
<211> 285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 687
cgagccacaa gctgcactgt gaacctgggc actccgcgcc gatgccaccg gcctgtgggt      60
ctctgaaggg acccccccca atcgactgc caaattctcc ggtttgcccc gggatattat      120
agaaaaattat ttgtatgaat aatgaaaata aaacacacct cgtggcaaaa aaaaaaaaaa      180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aataaannnn nnnnnnaaa      240
aaaaannngg gnnntnnnna nnaaaannnn aaaaaaaaaa aaac      285

<210> 688
<211> 253
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 688
cgagccacaa gctgcactgt gaacctgggc actccgcgcc gatgccaccg gcctgtgggt      60
ctctgaaggg acccccccca atcgactgc caaattctcc ggtttgcccc gggatattat      120
agaaaattat ttgtatgaat aatgaaaata aaacacacct cgtggcaaaa aaaaaaaaaa      180
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaannnc nnnntnnnaa      240
aaaanttggt ggg      253

<210> 689
<211> 262
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 689
ccagcattca aaattcccat gcttagggaa tccattggga cttctcccca ggatgtactg      60
aattcaagga agctttctct aggtgtagca gaaactgtg ctgnnatgtc tctgtcacc      120
aggacgttng ttctntntac agncctttat ttgntnnnnn tggnggnant agnttntnngn      180
ccctggannc tagnnnantg gggntnnnnn ntntnggtan ttngcgtcat nttcnnttgn      240
nnattacnnn ntntgntgcn tt      262

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<210> 690  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 690  
 acaccttcat tgctgtatct ccggtgtgta tcagctctcc aactctatgt cataattcag 60  
 ttcattggga tcttgattac cttcccttc cacaataat tacactgatt gggtatatcg 120  
 atgacattat gctgatttga cctagtgage aagaagtagg aactacatta gacttagtgg 180  
 aaagacattt gcatcagagg gtaggaata aatatgacta caattcaagg gccttctacc 240  
 ttagtgaaat tggtagggac ccagtacat ggggcatgtt aggatatttc ttctacggtg 300

<210> 691  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(264)  
 <223> n = A,T,C or G

<400> 691  
 atagcactga tgctgggcca acaattagcc ccatttgtac ctttttaca actttttgac 60  
 aattgccaaag aatcgccac cttccctccc cattgaatta aatacacttc ttgtctcatg 120  
 gatactcaga ataccaatca aggtaacaga tgcccttatt ttaactaagg acacagtaca 180  
 gatctcacag ggacactcct tattccttgc agagtctcag acactactga gggtcacat 240  
 agcancnttt natcngaann cnca 264

<210> 692  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 692  
 ggataccgta tcgacgtggg gcctccggtt gctgctaaat gggaaaaact tagcttagta 60  
 ctgatagatg actttattga aagtggaaact gaacaagtag tctactttt taaggactcc 120  
 ttgaactcag actgcctgac ttcattttaa ataacggatc ttggaaaaat aaactattcg 180  
 agtgaaccat cagattgcaa tgaagatgac ttatttgaag acaacaaga gaatcggtac 240  
 ctggtggttc cacctctaga aacaggactg aaaagcacat ggaagatctt ttgcacttc 300

<210> 693  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(282)  
 <223> n = A,T,C or G

<400> 693  
 atgaaccatc tgcttttaat gattttcaga ggccagccat ttattacatg atgtcattca 60  
 gggattggta tgagatgcaa gatgctggaa ttacttcaga ctcaatgatg aagaacttct 120  
 tctttgtgcc ttcttgcntt cacntgagcc nmanacgctc gcttttcngn tgcngcttaa 180  
 actggccttn ccgctnnnt anntntgctn ntggacnccc catacgtacg cntcctttnn 240

ctnnnnngncc aggtcatnga tncnttcctn accntcaaatt tt

282

<210> 694  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 694  
 cccaagcccc atctcatcct ggcacgcctt actccactgc cctggcagca gcagggtgtgg 60  
 ccaatggagg ggggtgctgg cccccaggat tccccgagcc aaactgtctt tgtcaccacg 120  
 tgggtgctcac ttttcatact tccnnaaatt acctagnccn cgnnntaaca tggannngnc 180  
 tgttgccctta nctaanggna caaccataac ctggctgccc atcatgtggg ccnaccat 240  
 caagggnnaga atgangaatg ctngactgga nccccctgga nccanattggc nanagggtga 300

<210> 695  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 695  
 gcctggacac tgcaatatac atacatacat aaacataaac cggaaatcca tatgagcttg 60  
 gaggtagagg agtgggtggg gttggatttg gtgggtgggt ggaccctttn tgggtccttc 120  
 ctggtncctt gagggcncna tnaggagtcc nttacttcct ttcttcttc atattttaca 180  
 ggcngatgct tttcttataa tctaattaca tctttttatt tgttatatat tacaaccat 240  
 nacacttata aatacttccn ngaantgctt ttttgaagtg tgaattaatn tnaaatggg 300

<210> 696  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(255)  
 <223> n = A,T,C or G

<400> 696  
 gccccttggt catctgtgtc ttctgcaaac tagtctcatg aagaattctg gcgtgcagcc 60  
 agggtagctg aagtttgggt ctgggactgg agattggcca ttaggcctcc tgagattcca 120  
 gctcccttcc accaagccca gtcttgetac gnggtncatg gnataccnga ctnccttngg 180  
 gcctnanttc ncnctttctt tttgtgtngn tentaantna tnantntntt nntntngtt 240  
 nntntctccc ttntt 255

<210> 697  
 <211> 293  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 697

cgaagctctc	tacgacattt	gcttcagaac	cctaaagctg	accacgcca	cctatggtga	60
cctgaaccac	ctggtgtctg	ctaccatgag	tggggtcacc	acctgectgc	gcttcccagg	120
ccagctcaat	gctgacctgc	ggaagctggc	tgtgaacatg	gtcccgttgn	cnangatgca	180
ctnattnttg	ncennatttg	gccccatgaa	cagacgggnc	gnntgtcann	atctggccct	240
agnatacggc	tnnannatac	ancgtgagac	agntgtttnc	ataanagtgg	ctg	293

<210> 698

<211> 257

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(257)

<223> n = A,T,C or G

<400> 698

gacaacgaaa	gttacttggg	cttcctgagg	attacttgta	tggacaaaact	accacatattc	60
tgacatataa	tgacttcattc	aacaaggaac	ttatcttgtt	ctcaaattct	gataacgaga	120
gatctatccc	ttctatgggtg	gatggnttga	acnnttanna	nanaannntn	nnntattcat	180
aattacanc	ctnacnnaca	nnnactnann	gnacncnana	nnnnnatnaa	ttacatntnn	240
atnntatnct	nnnnct					257

<210> 699

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 699

caaaggggac	tatcctctgg	aggctgtgag	catgcagcaa	gatctacgtg	gatgatgggc	60
ttattttctc	ccaggtgaag	cagaaagggtg	ccgacttcct	ggtgacggag	gtggaaaatg	120
gtggctcctt	gggcagcaag	aagggtgtga	accttcctgg	ngctgctgng	gactngcctg	180
cttngtccca	cancgncctt	cnanntctgn	tgtctnctnn	atntntngtg	tggtncntnn	240
ntntnctntt	anntnctnct	tactttttng	tgangnnncc	cantgannna	anccttgctc	300

<210> 700

<211> 255

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 700

ctgaaagtag	ctaaggcacc	ccagccggag	gaagtgagct	ctcctggggc	gtggttgttc	60
gtgatccttg	catctgttac	ttagggtaa	ggcttgggtc	ttgccccgca	gaccttggg	120
acgacccggc	cccagcgcag	ctatgaacct	gnancgantg	tccnttgang	agaaattgan	180
cctntgccgg	angtactacc	tggtnnngnt	tngnttnatc	tnnnngtnct	tatctgtctn	240
nnncttntcc	tcatt					255

<210> 701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 701

acttggaaca	tggtgctaac	aaccacaagc	agaatttgat	gacggtgga	aaccttggtg	60
tggtggttg	acccactctg	ctgaggcctc	aggaagaaac	agtagcagcc	atcatggaca	120
tcaaatttca	gaacattgtc	attgagatcc	taatagaaaa	ccacgaaaag	atatttaaca	180
ccgtgccga	tatgcctctc	accaatgccc	agctgcacct	gtctcggaag	aagagcagtg	240
actccaagcc	cccgtcctgc	agcgagaggg	ccctgacgct	cttcacaccc	gttcagtcaa	300

<210> 702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 702

gtgaattgcg	ggaatctttg	tctgaagtgg	aagaaaaata	caagaaagcc	atggtttcca	60
atgcacagtt	agacaatgag	aagaacaatt	tgatctacca	agtagacaca	ctcaaggatg	120
ttattgaaga	gcaggaggaa	cagatggcag	aattttatag	agaaaatgaa	gaaaaatcaa	180
aggagttaga	aaggcagaaa	catatgtgta	gtgtgctgca	gcataagatg	gaagaactta	240
aagaaggcct	gcggcaaaga	gatgagctta	ttgagaaaca	tggcttagtt	ataatccccg	300

<210> 703

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (262)

<223> n = A,T,C or G

<400> 703

tgaggctcag	tacgtattcc	tgcacagtg	cacctcgagg	ttcctccaac	agtcagccca	60
ggccccagcc	gagaaggaag	tcccgtatga	ggatgtcgaa	aacctcatct	acgagaacgt	120
ggccgccatc	caggtcaca	agttggaggt	ctaantgacg	agggggctgn	ncggnatnnc	180
aggcattctc	atgctctnga	cncctantng	agnccatn	tttngannan	tanangnnng	240
nnntgnnnna	ttntgntnt	gc				262

<210> 704

<211> 300

<212> DNA

<213> Homo sapiens

<400> 704

```

ggatgaagaac cggatcactc tgcaggaagt ggtctccac tgcaagaagc tgaccaagag      60
gaataaggaa cagctgtcag atatgatggt tctggacaag cagaagggtt taaagtcgct      120
gagcaaagag aaacggcaga aactagaagc ataccaacac ctcttctacc tgctccagac      180
tcagcccatc tacctggcca agctgatctt tcagatgcca cagaacaaaa ccaccaagtt      240
catggaggca gtgattttca gcctgtacaa ctatgcctcc agccgccgag aggcctatct      300

```

```

<210> 705
<211> 241
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

```

```

<400> 705
ctatagtgtg cactctgaaa tgtactcagt gaaaatttgt tttagtcttc attaatgcta      60
tttcaccagt tagacataat tacttctacc gatgtgaatg atacggatgc cggcagagct      120
tccagatctt tcagactcan ctgctaggtc aantactttg gnntantnnn antntttntt      180
naananntgn nctttntttn nccccnnann tanttttana annnnnnnna nncctttnaa      240
a                                                                241

```

```

<210> 706
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 706
ggaatctgga aaaccagggg ctcatgtaac tgtgaagaag ctgtttgttg gcggaattaa      60
agaagatact gaggaacatc accttagaga ttactttgag gaatatggaa aaattgatac      120
cattgagata attactgata ggcagcccgg ctatcagccc ggatgacagt gacgaggaga      180
actgagggca cgtggggtgc ggcagccggc tagggcccag ggcagcttgc ccgtgctgcc      240
gtgcagttct tgcctccctc acggggcgct acccccagcc cagctccgtt gtacataaat      300

```

```

<210> 707
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 707
aattcaaggc ctctcgagcc tctagaacta tagtgagtcg tattacgtag atccagacat      60
gataagatca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt      120
atttgtgaaa ttgtgatgc tattgcttta ttgttaacca ttataagctg caataaacia      180
gttaacaaca acaattgcat tcattttatg ttccagggtc agggggagggt gtgggaggtt      240
tttctatggt gcatgggtgg cttcaccaac gtgaaatttg gccgctcncg ctctgcccaa      300

```

```

<210> 708
<211> 298
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 708  
 agacgctggt ggcctgtgg tgggagagga aaggaaggag aggggtgttg cagtcctttc 60  
 acactggctt tgaagtctg agatgaggaa attcccagtc tggccttgct gggctgtttg 120  
 ctgctttgag tgtgtcctca tctgccgat ggtggnggag gctgaattga tcntngnctt 180  
 tcnatatgcc angccccttn natcannget gctganagcc cttctcctcn taatcctntt 240  
 tnnctttctt cttgtneccat nntccttttt gntgcncnct angcntttng ntcttgtg 298

<210> 709  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 709  
 aagaagctgc ggaagcccag acaccaggaa ggtgagatct tcgacacaga aaaagagaaa 60  
 tttgtgagtc cacagctttt accaaaaatc aaagctattc ctcagctcca gggctacctg 120  
 cgatctgtgt ttgctctgac gaatggaatt tatectcaca aattgggtgt ctaaatgtct 180  
 taagaacctt attaaatagc tgactacaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240  
 aacnnnnccc ntnaaaaann nngggggggt tttt 274

<210> 710  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 710  
 gatgacctca aactgctc ttgatttgtt tgatgcatgt cactttcatt aattttcccc 60  
 ctcttttttg aaagtctgt ggcagtacta atattttcat tttatgtaat ctctgggtgt 120  
 gctttccagt cactgtatga agtgtctccc caacactagc aaatctaggt cctactaaat 180  
 acaaattctt ggggtgatga tcttctagta ctgtattttt aaattaagga gtttttagtta 240  
 taatgaaatt gattttagt ctgttttgcc gtaaaactgn ttttctttaa attgt 295

<210> 711  
 <211> 254  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(254)  
 <223> n = A,T,C or G

<400> 711  
 gaaaaggcaa gcaagccaca gacagagaga aaatagtcac aaaacgtatc tgacctccac 60  
 atcctgtaat tagaattatt gtggtctggt acactgcacc cagtttctgc aggagtactt 120  
 tctgggtgtc tctattgagt aagagagggc cccatgggat attcctacag ttcccagatg 180  
 aacagtggga aagactctac nttncaanct cngggtacnt ntntctngng ncctttntna 240  
 nngtcnanac nnnt 254

<210> 712  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 712  
 gagcggcctt acaagtgcga tgactgcgga aaggccttgt cccagagctt cgacctcatc 60  
 cgccaccagc ggaccacgc ggcgggccgg cgctgacctg gggccccagc aggggtggga 120  
 ggtgagggca gaagataagg ggccaggag ctaatngant ctttagggag gatatangng 180  
 ngaatcecca atanaatgna ggacnnttat ntntctggann annacattga tgctgtaagt 240  
 gatgtcngga cnnncttggg ncctgnncac ccagnagnaa ngnggcantt cttacctg 298

<210> 713  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 713  
 gaagcacacc ttgacagcc acacctggag gccgaggaga catgaaatat ggcataatg 60  
 ctgtagagaa tgagcatatg aatcgggtac agtctcaaag ggcaatgctt ctgcagggca 120  
 ctgaaagcct gaaccgggcc acccaaagta ttgaacgtnt ttatnngnnt gtccagagnt 180  
 tgtnccttnt ggatttnttt cttntngnt tnanntgggt cgtgtttttt annnnctttn 240  
 ttntntnan ntcnggtcgc ttata 265

<210> 714  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 714  
 ctgactctcc gcttccagaa ggagctgaag gagatccagt acggaatcag agcccacgag 60  
 tggatgttcc cggtgtgaag ctgcaggctg tgctccagat ccaccgaccc gtagcatctc 120  
 gtcacgccag cactcgctc cctaccaatg actcacctga aattgaaacg ggcaggaaat 180  
 agtctggcag cctctacagc agaagaaacg gcaggcagtg cccagggtcg tgcccaggag 240  
 gctgagcagc tgctacgcgg tcctctgggt gatcagtacc agacgggtgaa ggccttagct 300

<210> 715  
 <211> 300  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 715

ctgagccagg	tgcgggat	aatcttgtg	tgcgccgtt	tttaagccg	tccgaaaagc	60
gcaatattcg	ggtagggag	acccgatttc	ccagctcaga	acctgaggac	gcagccatgg	120
agcggtcggc	cttcatggag	ctggatgctg	ggagcaggct	ggtagtgc	ctccgcgagt	180
ggccagccct	gctggtcagc	agcacgggct	ggacagagtt	tgaacaactt	actcttgatg	240
gacacaacct	tccttctctt	gtctgtgtga	taacagggtc	ggtaggacct	ggtagtctgtc	300

&lt;210&gt; 716

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 716

ggtagatgcc	acacccttca	agattgctcg	aggccagatc	ttgaagatac	tcacagggaa	60
gatagtgggtg	gggcatgcc	tccacaacga	cttcaaagcc	cttcagtact	ttcaccccaa	120
gtccctcacc	cgtgacacct	cccatactcc	ccccctcaac	cgggaaggctg	actgcccggg	180
gaatgccacc	atgtctctga	agcatctcac	caagaagctg	ctaaaccggg	atatccaggt	240
tgggaagagc	ggacattcct	ctgtggaaga	tgcccaggcc	accatggagc	tatataagtt	300

&lt;210&gt; 717

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 717

tttagatgtt	ccagagtcc	cagagtccat	gaaaggactc	acagtggaga	aaagccctat	60
gaatgtaa	aatgtggt	agccttcaa	tattctagta	acctatgtga	gcatgaaaga	120
actcacactg	gagtgaaacc	ttatggatgt	aaggaaatgtg	gtaagtcgtt	tacttcttcc	180
agtgcctt	gaagccatga	aaggactcat	actggagaaa	aaccctatga	atgtaagaaa	240
tgtggtaaag	ccttcagttg	ttccagttcc	cttcgaaagc	atgaaagagc	ttatatgtgg	300

&lt;210&gt; 718

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 718

cggcgccggt	ggtaggtgt	ggtagccgt	caccatacag	gaacagggca	gacgttagcg	60
tgagtgatca	ctctcaatcc	cggggacctg	gtggccttag	tctttcaggt	ggaacggtgt	120
gcgacatggg	aaagaaaacc	aagcggacag	ctgacagttc	tcctccacc	ctgacaacca	180
ctcaccattt	tactacttct	atctttttga	ctttccaaga	atgtcctaga	gttggagtgg	240
tacagtatgt	gggtttccag	actggcttct	ttctagcatt	atgtacttta	agtctcttca	300

&lt;210&gt; 719

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 719

actcagccca	cctgcaccca	ggtagaaata	acagctttat	tgctcacacg	aagcctgttt	60
ggtaggtctct	tcacacggat	gcgcatgaaa	tttgggtgccg	tgacttggat	cgggggacct	120
cccttaggag	atcaatcccc	tgctctctctg	ctctttgtctc	cgtgagaaaag	atccacctac	180
gacctcaggt	cctcagaccg	accagcccaa	gaaacatctc	accaatttca	aatctggcac	240
ccactggaaa	tcagactgcc	cagctcgccc	gacagccact	cctggagccc	ctaaagctct	300

<210> 720  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (234)  
 <223> n = A,T,C or G

<400> 720  
 atacggcgtg gagatcagct cctccaccag cataatggga cccagcatcc ctgccaaaac 60  
 tcgggaggtg ctcgctcagcc acctggcatc ttacaacaca tgggctttac aagggtattga 120  
 gtttgtagct gccagctca agtccatggt gctaaccttg ggcctgattg acctgcgcct 180  
 gacagtggag caggccgngc tgctgtcact cctggaggan gnntccann ntnt 234

<210> 721  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 721  
 gtggaagaag aaaagtttcc tacacaactg agcaggcata ttaagtttgg tcagaaatca 60  
 catgtggagt gtgctcgatt ttctccagat ggtcagtatt tggtcactgg gtctgttgat 120  
 ggattcattg aactatggaa ctttactact ggaaaaatca naatggntnt tanntnccan 180  
 gccactnta cntntatnan gatgnangnn nccagnntac agtcntgatn tgtctccagt 240  
 ctccacctnn cactgtctgg ttncngttgg tactatanga cccatgnnta caacttttgt 300

<210> 722  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (261)  
 <223> n = A,T,C or G

<400> 722  
 gttaattcat tcctttccct gaaggagact gggctctggg ctccctgcgt ggtgaggatg 60  
 aggagcagaa tagagctgca gtcagcaggg agcagggtctc attctgggga gcagagacaa 120  
 atagagaaca gtatctcttg ctatatgcag ggcactgcaa cttacaaatc acagcgcattg 180  
 gcgaggacga gggttggggg ggttcctcnn accatgnntn cnnngttnt accccttnt 240  
 cnnngnnact ctnactnnna a 261

<210> 723  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

<400> 723  
 gtggcaaagc ttcattccagt ctaggtcttc aggattttga tttgctccgg gtaataggaa 60  
 gaggaagtta tgccaaagta ctgttggttc gattaaaaaa aacagatcgt atttatgcaa 120  
 tgaaagtttg tgaaaaaaga gcttggttaat gatgatgagg atattgattg ngtnncnncac 180  
 gganaagcat ngtnntngan ccggcctttt ttcatntnnt tccccncttn ncgnntnntt 240  
 tntcngcng ncccngattt tatnnnccgt cctat 275

<210> 724  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 724  
 agaagaattt ggtataatca tgaaagccct gtggacagga cagtatagat atatcagtc 60  
 aaaggacttt aaaatcacca ttgggaagat caatgaccag tttgcaggat acagtcagca 120  
 agattcacia gaattgcttc tgttcctaata ggatggactc catgantatn ncgntatann 180  
 ngatnncnnn ntagnntnnn tnnnnntcnn ccccanctga ctttnnnntn cennnnnnnn 240  
 ccngctaagn ngnttgcnnn ntccccnccg cagtcccccg 280

<210> 725  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(276)  
 <223> n = A,T,C or G

<400> 725  
 gtgacgcgca tgaatggatg aacgagattc ccaactgtccc tacctactat ccagcgaaac 60  
 cacatgccgt tggcaaccac aggtcattca gcgacaagaa tggcctcacc agcaagcggg 120  
 agctgcggcc cgaagatgac atgaaaccag gaagctttga caggtccata cctgaaaaca 180  
 atatcatgcy cacaatcatt gagtttctgc tttcttgcat ttcaaagagg ccggggccntn 240  
 naccgntcnt gaattteccn gccgancntt ttaaaa 276

<210> 726  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 726

```

ccgtgggact agggcggcga tgggtgccca tgcagagtgc cgtcctctgg gagtgtttga      60
gtgtgaactc tgtacnttga cagctccgta cagctatgtg ggacagaagc cccccaacac      120
ccagtcgatg gtgaatgcag tttattctac tccaagagat tctgcctccc ttgtgtccgg      180
gagaacatca atgcttttcc tcaggaaatt cggcaagact tggagaaaag gaaagctcca      240
tcaaagagga ccccagcca gcccggttct cggacgtgag tgcaactggg gctaggtcat      300

```

```

<210> 727
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 727
ggaagctcca cgtgtagctg agctgcatgc accaggcctc agtttgcccc aagtcacctg      60
tgtactctct catggcctgt ggccaagaaa tgtattctct cactttggac ttaggagtc      120
aaagagaagc ccagaaacaa aattgcttga acttgaattt gtgtgcgtgc gcacgtgtgc      180
acgtggtggt gaancnatat tnntccacc nntggctnat nccatggcac cttcaaggct      240
tgatanccgn aatcttgtca tnaatggaaa tcccatgnct tcttncanga tcgagattcc      300

```

```

<210> 728
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

```

```

<400> 728
gttattgctc tcggtgttcc taatcctcgg acttccaatg aagttcagta tgaccaaagg      60
ctcttcaacc aatccaaggg tatggacagt ggatttgcag gtggagaaga tgaaatttat      120
aatgggttat atcaagcctg gagagggtgt aaagatatgg nccagngcat ttatatggcn      180
nnatanannat ctgccnnaga anatgtatgg ccgatgnccg tntncgncac cntgnttnat      240
nannanattnc nttnaccacn ctgnannntn tgtttcnnan cccncnccga ctttgat      298

```

```

<210> 729
<211> 245
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

```

```

<400> 729
gcttcacca gccaaagagg tcgaagtggg tctggaaaact ttgggtgggtg tcgtggagg      60
ggtttcgggt ggaatgacaa ctteggctcg ggaggaaaact tcagtggtcg tgggtggcttt      120
gggtggcagcc gtgggtgggt tggatatggg ggcagtnggg atggctttcn tgnattngtt      180
ncttannnnn gtatntntnn naannntgan tgttannntt tttntnnct tttnttnant      240
tntnt      245

```

<210> 730  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 730  
 atttgaagca ccaaaccagg agaaagtttc agactatgaa atgaagttga tggattttaga 60  
 tggtgaacaa ctgggaattc cagaacagga gtacagctgt gtagtaaaga tgccttctgg 120  
 ggaatttgca cgtatatgcc gagatctcag ccatattgga gatgctgctg gannnnntg 180  
 ngcntgngac nggnnnnngn cntctgcata tgcannatnn gctaagncna ctttnatggc 240  
 ntctttgncg ccttctncc atagttncng accagctgtn atgggtgtgga tgcctgcct 299

<210> 731  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 731  
 agacgcgctc ctgcgcgggt atttctggga aaagccagct tctgtttgca ctggtcttca 60  
 caactcgta cctggatctt ttacttcat ttatttcatt gtataacaca tctatgaagg 120  
 ttatctacct tgctgctcc tatgccacag tgtacctgat ctacctgaaa ttaaggcaa 180  
 cctacgatgg aaatcatgat accttccgag tggagatttt ggcgtgtcct nccccatgnc 240  
 actgnatttt atanccttgt gactgtgtca tatanatanc tncntatata tatacata 298

<210> 732  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 732  
 gtttgaaatg aatgcaatat taatagatgc atatatacat gacatattgt ggtaatttt 60  
 aaaactactg tgccttaacg tgtttcttaa actttttag taaatgaaca tttgaaatcc 120  
 attttgataa acctgctgtt aatgtttttt ccccccttgt gaatgttttc taactttgtc 180  
 ttggttaattg caatttaact aggtgcggtg gctactaaag ttcgaaggca cgatatgcgt 240  
 gtccatcctt accaaaggat tgtgaccgca gaccgagccg ccaccggcaa ctaacctatg 300

<210> 733  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 733  
 cattaaactc ccacagtggc caccctactg ctgatgtaca gactttccag gcaaagcgcc 60  
 atattcatca acaccgtcag tcttactgta attataacac tggaggtcag ttagagggca 120  
 atgcagccac ttcctatcag aagcagactg acaaaccag ccactgtagc cagtttgtga 180  
 caccttcgtg gatgangaga cagttctctg taccantct naaagctggc nnanaaccac 240  
 ngntantn agatatttgn gccaact 267

<210> 734  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 734  
 tcactgatgg ttgctgttt ggaagccatt ggcagggtg cgtgcatgt ggctgtgagg 60  
 gctgcacagt cctgccagg ggcttctctc ttgtcaccac gaacctgtga atcgtgtgct 120  
 ggctggcag ccctggctaa gttaatcccc accgctttca gtggtagaaa gaattccctg 180  
 agtgggccag gctgggtccc tctcctacc ctggcttttc tgagttagct gcctggagcc 240  
 ctcatccct ctccaggtc gggtggccc tggcggggc cactgtgtgc tggccactg 300

<210> 735  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 735  
 gtgactccaa gccacgtcc tgcagcgaga ggccctgac gctctccac accgttcagt 60  
 caacagagaa acaggaacaa aggaacagca tcatcaactc cagtttgga tctgtctcat 120  
 caaatccaaa cagcatcctt aattccagca gcagcttaca gccaacatg aactccagt 180  
 acccagacct ggctgtggtc aaaccacccc ggcccaactc actccccccg aatccaagcc 240  
 caacttcacc cctctcgcca tcttgccca tgttctcggc gccatccagc cctatgccca 300

<210> 736  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<400> 736  
 ccgggctgaa cagcctcacc agcatgccat gtactacctc cgcttgctga tgactgaagt 60  
 ggctggact aaagatgagt taaaagaagc tctggatgat gtaacccttc ctgccttaa 120  
 ggcttcata cctcagctcc tgcacggct gcacattgaa gcccttctcc atggaaacat 180  
 aacaaagcag gctgcattag gaattatgca gatggttgaa gacaccctca ttgaacatgc 240  
 tcataccaaa cctctccttc caagtcagct ggttcggtat a 281

<210> 737  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 737  
 gccacagcag cagccacagc cgcaggcgcc ccagcaacca cagcagcagc agcagcagca 60  
 gccaccacca tcacaacagc ctccaccaac acagcagcag ccacagcagc ttagaaatga 120

taacaggcag cagttcaatt caggtagaga ccaagaaagg tttggaagaa gatcttttgg	180
aaatagggtg gaaaatgac gggaaaggta tgggaaccgt aatgatgata gngatantag	240
tnaccgtgac nggatagagn gnggnagnag nnnntttttn ttntatnttt ttttg	295

<210> 738  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 738	
cagacagcca aacagacctt ctgtttcatg aacaggcgtg ttatatctgc taacccatat	60
ctagggggca cctccaacgg ctatgcccac ccagcggga cggcacttca ttatgacgat	120
gtcccgtgca tcaacggctc gtgggaaccg gaagacggct ttctgtcttc ctgcagcaga	180
ggcttgggag aagaggtgct ttatgataac gcaggcctgt acgataactt gccgcctccg	240
cacatctttg cccgctactc tctgtctgac agaaaggcct ctaggctgtc tgctgacaag	300

<210> 739  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 739	
tctgggcccct aggcctccac aggagcaagt ggggcctctg atggtaaaag tcgaggagaa	60
agaagagaaa ggcaagtacc ttccctagcct ggagatgttc cgccagcgct tcaggcagtt	120
tgggtaccat gatacccctg gaccccgaga ggccttgagc caactccggg tgctctgctg	180
tgagtggctg aggcccgaga tccacaccaa ggagcagatc ctggagctac tgggtgctgga	240
gcagttcctg accatcctgc cccaggagct ccaggcctgg gtgcaggagc attgcccggg	300

<210> 740  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<400> 740	
ccgatacgag gcaaacgggg aagttaagca aagaccaatt cgcgttagct atgtatttca	60
ttcagcagaa ggtcagtaaa ggcacgacc ctctcaagt cctctcgccg gacatggtcc	120
cgccttcgga gagaggcag cccggcccgg acagttcagg ctctctcggc tccggggagt	180
ttactggcgt gaaggagctt gattgacatc agtcaagaga ttgcccagtt acaaagagag	240
aaatattcac tggaacaaga cattcgagaa aaggaagagg caatcatgac agaaaacca	299

<210> 741  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 741	
ggatagccca cctcatgttc ctgtacctga actctcaaca gacactgtta taaatgtgat	60
cactaatatg acaaccacca tccagagtct ctttccaaat ctccaggttt tccctgcgct	120
gggtaatcat gactattggc cacaggatca actgcctgta gtcaccagta aagtgtacaa	180
tgcagtagca aacctctgga aacctaggct agatgaagaa gctattagta ctttaaggaa	240
aggtggtttt tattcacaga aagttacaac taatccaaac cttaggatca tcagtctaaa	300

<210> 742  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 742

agttaatgcg	ccagaggcag	cagcagcaag	aggetctccg	gaggttgag	cagcagcagc	60
agcaacaaca	gctggcgag	atgaagcttc	cttcttcttc	aacgtggggc	cagcagtcca	120
atacaacagc	atgtcagtc	caggccacgc	tgtcgttgcc	tgaaatccaa	aaactagagg	180
aagaacgaga	acggcagctt	cgagaagagc	aaaggcgcca	gcagagggag	ttgatgaaag	240
ctcttcagca	gcagcagcag	cagcaacagc	agaaactctc	aggttggggg	aatgtcagca	300

&lt;210&gt; 743

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 743

ggaacgaggc	tttgctccat	ggaagtgtct	accagtctga	gtacatagac	ctctctgaaa	60
aaattaaaca	gggagatagt	agcctggagt	ttggcatcaa	acctgggtgac	ccacgcgttc	120
tgcagaagtt	agatgacgat	ggattgccgt	ttataggagc	aaaactgcag	tacggagatc	180
cgtattacag	ctacctcaac	ctcaacaccg	gggaaagttt	tgtgatgtac	tataagagta	240
aagaaaattg	tgttgtggat	aacatcaaa	tgtgcagtaa	tgacactggg	agtggaaaat	300

&lt;210&gt; 744

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 744

ggcagtcac	aggacctcag	tgtgatacag	ccaattgtaa	aagactgcaa	agaggctgac	60
ttatccttgt	ataatgaatt	ccgattgtgg	aaggatgagc	ccacaatgga	caggacgtgt	120
cctttcttag	acaaaatcta	ccaggaagat	atctttccat	gtttaacatt	ctcaaaaatt	180
ggcttcagct	gttctggagg	ctgtggaaaa	caatactcta	agcattgaac	cagtgggatt	240
acaacctatc	cggtttgtga	aagcttctgc	agttgaatgc	ggaggaccaa	aaaaatgtgc	300

&lt;210&gt; 745

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 745

aaccaacact	gatggcagca	gttccggaaa	tcattggatcg	gatctacaaa	aatgtcatga	60
ataaagtcag	tgaaatgagt	agttttcaac	gtaatctggt	tattctggcc	tataattaca	120
aaatggaaca	gatttcaaaa	ggacgtaata	ctccactgtg	cgacagcttt	gttttccgga	180
aagttcgaag	cttgctaggg	ggaaatattc	gtctcctggt	gtgtggtggc	gtccactttt	240
ctgcaaccac	gcagcgattc	atgaacatct	gtttctgctg	tcctgttggt	cagggatagc	300

&lt;210&gt; 746

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 746

ccgatacgag	gcaaacgggg	aagttaagca	aagaccaatt	cgcgttagct	atgtatttca	60
ttcagcagaa	ggtcagtaaa	ggcatcgacc	ctcctcaagt	cctctcgccg	gacatgggtcc	120
cgccttcgga	gagaggcacg	cccggcccgg	acagttcagg	ctctctcggc	tccggggagt	180
ttactggcgt	gaaggagctt	gatgacatca	gtcaagagat	tgcccagtta	caaagagaga	240
aatattcact	ggaacaagac	attcgagaaa	aggaagaggc	aatcagacag	aaaaccagcg	300

&lt;210&gt; 747



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 747

gggactcgtt accatcactc ccaccacagg ctccgatggg cgcccagatg cccgggtccg	60
cctcgaccgc agcaagatcc ggtctgtggg caagcctgct ctagagcgct tcctgcggag	120
acttcagggtg ctgaagtcca caggggatgt ggccggaggg cgggccctgt acgaggggta	180
tgcaacggtc actgatgcgc cccccgagtg cttcctcacc ctcagggaca cgggtgctgct	240
gcgtaaggaa tctcggaagc tcattgttca gcccaacact cgccttgaag gctcagacgt	300

<210> 748  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 748

atacagcaga gcctagaaca agaagaagct gaacataagg ccacaaaggc acgactagca	60
gatgggaaat aagatctatg agtccatcga agaagccaaa tcagaagcca tgaaagaaat	120
ggagaagaag ctcttgaggg aaagaacttt aaaacagaaa gtggagaacc tattgctaga	180
agctgagaaa agatgttctc tattagactg tgacctcaaa cagtcacagc agaaaataaa	240
tgagctcctt aaacagaaaag atgtgctaaa tgaggatgtt agaaacctga cattaataat	300

<210> 749  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 749

gaaaccctat gtgtgtgata ggtgtgggaa ggccttcagg aacagctcag gcctcacagt	60
gcataaaagg atccacacag gtgagaaacc ctatgaatgt gatgagtgtg ggaaggcata	120
catctcacac tcaagtctta tcaatcataa aagtgtccac caggggaagc agccctataa	180
ttgtgagtgt gggaaatcct tcaattatag atcagtcctt gaccagcaca aaaggatcca	240
cactggaaag aagccatacc gatgtaatga gtgtggtaag gcttttaata tcagatcaca	300

<210> 750  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 750

ctattactcg gcttcttagc attcgcattc ctgctctctt acccccagcg tccacagagc	60
tggatgttcc tcacaatgtc caagtggctg cagtgggttg cattggcctt gtatatcaag	120
ggacagctca cagacatact gcagaagtcc tgttggctga gataggacgg cctcctggtc	180
ctgaaatgga atactgcact gacagagagt catactcctt agctgctggc ttggccctgg	240
gcatggctcg cttggggcat ggcagcaatt tgataggtat gtctgatctc aatgtgcctg	300

<210> 751  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 751

gaaattctgg tcctcccttc cgagcaacgt ttgcaacgat gagaggatgg ctgcaggaaa	60
cggcaatgag gatgactgtt ggaatgggaa aggcaaaagc aggtacctgt ttgcagtgc	120
aggaaatgga ttagccaacc agggcaacaa cccagaggtc caggttgaca ccagcaaac	180

agacatactg atccttcgtc aaatcatggc tcttcgagtg atgaccagca agatgaagaa 240  
 tgcatacaat gggaacgacg tggacttctt tgatatcagt gatgaaagta gtggagaagg 300

<210> 752  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 752  
 aaattagctg ggtgtggtgg tgcacgcctg tgatcccagc tacttgagag gctgaggcag 60  
 gagaatcact tgaactcggg aggtggaagt tgcagtgagn tganatcgtg cactgaang 120  
 atccnnntga gcnacanaat gagatnccat cncaaanttc agtacctana tccttanntt 180  
 agagattgtn ttganacnln aanntcctgg accttatctg nngctccct angctngngt 240  
 nncntnnann ttntttntan tnnncntntt gctnanatna tantccagtg ca 292

<210> 753  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 753  
 aattccgttg ctgtcgggtt tcaccatggt ggccacgctg gtctcgaact cctgacctca 60  
 ggtgatccac cctcctcggc ctcccaaagt gttggtacta caggtgtgag ccactgcgcc 120  
 tggttgatc taactttttt tctccttgg tttactcgtc cactttgatg gattatggtg 180  
 tcttggttt tccnntatt agaantcang ggaaatgant nttttganaa ctttcatatg 240  
 tggctgant nttgatcnat cntttaannn anatnagnat nnttctgact 290

<210> 754  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 754  
 aattccgttg ctgtcgtgga ttaatgcact ttgaagttct ctggaattaa ttattttaac 60  
 ttggcctagc ttcgactgtc aagggtggtg ttataaattt gactcnattg tnagnggatg 120  
 aancctaagt cagctnanga ctnnatcata tnttncnt gangnctgtc tgctngctca 180  
 tgtatnactt nctntatna nttgacngnt nnnnattctg anntgntggt ntgtactnta 240  
 cnacaatcag agctgcct 259

<210> 755  
 <211> 257

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(257)  
<223> n = A,T,C or G

<400> 755  
aattccggtg ctgtcgcaaa ctccctaggct caagcgggtcc tcccactgtg gcctcccaaa 60  
gtgctgggtg gtgtgagcca ccgtgcctgg ccagttaatt tnttttancg tanntntttt 120  
tnnttctnat atttatacngn tgcnnnctan nntnanatta nntntttnan atnnncnccn 180  
ttcnnnnnna ccngtgnntt ngcatttnan nttttctaan tatnttaanc ntgatnattt 240  
tnctgtnaan ttttnna 257

<210> 756  
<211> 234  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(234)  
<223> n = A,T,C or G

<400> 756  
aattccggtg ctgtcgaaaa ggcttataac ttagggttta gagaacagtt atgaggcatt 60  
ctcattgcta aatcatgctc tggggaagtc tgccatttaa tatgtcatag actagggcta 120  
cctagtgtgt actgatggtg tttagactga agaaaaatgcg tgtgtgtttc tgtaaggtaa 180  
gaggagcttg acattcacta aggagataat gaggcattga caggctgnnn tgna 234

<210> 757  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 757  
ctactccttc tttttgcagg catcccattt natcgaatt ccgttgctgt cgctttataa 60  
tgcaatttcc agacccttta tcatccttgc tcttgatagc tgtttgcag catccctctt 120  
aaaatgtggt tcccaggagt ggacatgctg tgtcaacata tacactgaga cagttgacct 180  
ctttgttctg ggccgagctc attaaacttag ggactggggg tccagagtgt ctgtcaagtc 240  
cctgaaatta actgtaaatt tttgtatgct tagacatatt tatgggagga aaacttattg 300

<210> 758  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 758  
aattccggtg ctgtcggcgg tataaaagta gctgtgttgg atggtaaaca cacaggcccg 60  
attacctgtt tgcaattcaa ccccaagttc atgacttttg ccagtgcgtg ttccaacatg 120

```

gccttttggt tgcccacat tgatgactga ccctgttgct gcttggtat ttctgtatag 180
tgagggcggc cagcaggaag aaactcagag ggaactgaga taatagtggg attggatcat 240
ttgactgggc tggagaacat ccttttacat ggccttccca tggatgtgct gtacatctgc 300

```

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<210> 759
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 759
cgttgctgtc gggaatccct gccaaagtaa cttgacagtc ggcctaattc tgttgacaga 60
aaatgaagcc ttgacggttc taattatcca aaagtgggtt ttcacagga cgtacagtca 120
gagtgtagt gcattctaata gaaaacttct tcagccctca ttcaattgca taaaaagcc 180
ctcaaagaga acatacagta cagcagtttt gtaaaaggca acaatacgat ttgtacagac 240
cccgaactc caatcctata gatcaccacg ttgtcctctc gtcccagca ccccttattt 300

```

```

<210> 760
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 760
aattccgttg ctgtcgaaat ttgttttagct tctcaattca tgttccttag aggatggtaa 60
attaaagtta gcattcctgg acagagcctt tcatacattg aagacaaccc ggtgagtctc 120
aaggggagag gtgtgggaga gatgaaagga tttctccagg cctgttcggc agcatggact 180
gttcttttag gtaattaagg gagaccatag aagacaattg tgtgagtcca ttacctttc 240
acttgggggt cttaagtctt tggttgggct tctttaaccc tgtgtgtcac ccacggactc 300

```

```

<210> 761
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 761
aattccgttg ctgtcgctcc atttgacttg caaaccagcc ttttctaata ggctaataatt 60
gctgaggcct taaaggaaat ggacaaaaat tatccagaag gggctacttt ccattgtatc 120
tttctaataa gggtttaaaa tggctactatt atgggtattgt acttgggctt taacatcaat 180
gttgctttga tgttggttga tataaatagg aatttttaca cattactatt gtgaatgggtg 240
aatgttcatt tatgacctac ttgtaattaa cttgagttgt agtccacagc ctcaggacaa 300

```

```

<210> 762
<211> 293
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 762
aattccgttg ctgtcgaaac gcagtaatgc atgaagagtg ccgggcatgg tgctgagccc 60
tgttcctgct ctccctccag ggctgctgag ctagaattcc cactatgtc tttccaaggg 120
actgttcacg gcttgggact tggctctgtt cctgccccat cctcgtcact tgagaccacg 180
agccctgggt cagnaccna gngaagccac ccacgggctc atgaatcntn aanncttnan 240
gcancnnatg cctngcngcn tggaatnanc ttannnttt gacctgatgc acc 293

```

<210> 763  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 763  
 aattccgttg ctgtcggaga gacctagcaa tgtgaagtaa caaagatcag gcagctgcaa 60  
 gtgactcctg aatcttgagt ccagggttt cgccactaca gtacagtggg tttcttttct 120  
 ttggtcgggg agagtgggct ggaatggaga gtgaggccca caaattacct gcagagacgt 180  
 ggaggcgtga gggagaacat gcttgttaaa tatgcaggta gattaggaga caccaaacag 240  
 agattcagac acagtaaggc tgggatgaga tcctcgaagc tgtgttttaa caaactccac 300

<210> 764  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 764  
 aattccgttg ctgtcgtttg tcctgttgtg atcagagttt cacaaagtgc tctcagtgcc 60  
 taaggcaaac tggcacattc tctatgaaaa agacaattat tgttcttggt cagggtggcca 120  
 gttggccag ttgattttgg agcatagtgt taataaagggt tagtctcttc agatatgagc 180  
 cagttgactt ggctatataa atagctgctg tcacgggcag gtcagaggta tgtgtgtgga 240  
 tagactggat ctgtaaccac caatcagaaa tcaatcagca atcatttact gagcatttgc 300

<210> 765  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 765  
 aattccgttg ctgtcggctc tacgatggag tcaaggccag attgggctct atttccacaa 60  
 cccctaagg agtagctcac cagtgtccta agtggctgtt tcctgggtga acatagtaca 120  
 tatttgctgt cacgctggga ataccagtga gaattcatg catggacaga ggacatgatc 180  
 atctttatgt ttgtaacctc gggcctggaa cagtctcctt ttgtgttcac ttgattctga 240  
 aaggtcagtg ttttagaaca ggcttttcac atgggttcacc aggaggccag ttagatcctg 300

<210> 766  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 766  
 aattccgttg ctgtcgggtga gaaagtatgc cactctttaa ttagctctta taattggagg 60  
 gttattccct gagtagagat taaaagctgg ggaaatgttg aatcctacaa aattcttgtg 120  
 ttgccgtcac tccagggtgc tacaacactt tagatattcg tatgaggag tcatatttgt 180  
 ttacactaa cnggaaacta tgacaataan tatatgagta ncnncattat antncttnan 240  
 aatccaccaa gtgagnnnct gctat 265

<210> 767  
 <211> 296  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 767

aattccggtg	ctgtcgggta	ctgagttagt	actgtataat	gtagtgagta	gtgatgatga	60
gcatggattg	attattggct	tatcttcttt	gtttttttgc	ttttgatttt	ctttattttt	120
ttttganang	cattgnccta	ntgaacntnn	aaactgaatt	aaggnccccc	nnnannnnca	180
cttncnntnt	nccnngggaa	aangcncga	accccatnt	naaanncacc	agctccaaca	240
cacgantanc	nttnatgagg	anttggctna	cnatgagaan	ccccgaaaga	agtaac	296

<210> 768

<211> 267

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (267)

<223> n = A,T,C or G

<400> 768

aattccggtg	ctgtcgggta	atttgacact	gctgctggca	gtagttctct	attcaccatt	60
ttaaagccca	ttcaggttct	ctcttcctga	aaagaactga	ttgctgtgtt	tacatgaaat	120
gacattggag	tcagatggtc	tgttttaaag	atttctatga	cagcctatct	tcttgagttg	180
nananattgg	aggttcctg	nntcnntaa	aactgaanaa	cgcnnngnaa	naggcnatga	240
ncgatctnct	gcnngggcn	tttgatg				267

<210> 769

<211> 269

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (269)

<223> n = A,T,C or G

<400> 769

aatttcggtg	ctgtcgggacc	cagcaaattt	tttgtatttt	tagtagagat	gggggttcac	60
catgttggtc	aggctggggg	cttaccaccc	ccttgaaaag	ctaccncccn	ccneggcnnc	120
tnnaanagcc	nnnagnttan	gnnagtnena	ccnnaccnnn	nctannncn	gtccnnntcc	180
atgnggncnt	ataccatnc	atnctacncc	atctctncnc	ccnnncagtc	atcnctacn	240
tntctcacia	actcncnncn	tncttnang				269

<210> 770

<211> 300

<212> DNA

<213> Homo sapiens

<400> 770

aatttcggtg	ctgtcggggt	tctgtagagg	aatgtcttcc	aggtagggaga	agaatggctt	60
tcatttttaa	caaccacaca	ctataaacia	agcatcccga	gagcacgggt	acctagcaga	120

```

agaagaacga agtagccagg aaacaagttg cttttcagca tccccactga aatgataggg      180
tacttttagaa agcgggtggg ggcattcttt ccacaagtac agcaagtgtc actgtggggg      240
cttaattctc tcgaatctgc ctttagaagg cagaaggcag aatgatcagc tctgctctga      300

```

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<210> 771
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 771
cattgatgtg caaataatga gattccctat ctcccttttag acctgggacg gcaaaaggga      60
agggaggaa acttagcaga gtgctattga ctatagattc acatattagc aacaaaatcc      120
cgtaattctt ttggccaaca gcagctattt tggggagcag ctgtggctgt tacataaata      180
gagatgcagc caaaatttta ggccctttat cctgcttcta gcagaaaaat gcagggagag      240
tcaagtagtc tagggtttca gggtgcctcc cctcatatgg tttttggcca agtgactaaa      300

```

```

<210> 772
<211> 206
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

```

```

<400> 772
aattccggtg ctgtcgctga ttatccgaat gagtaagcag atgtctcact atgtggatgg      60
tccgttacct gggataattct gggntnctgt agntgaacta tgacagagga accagantca      120
taatgangcn tctgatnagg ngaggcgtat ngagannatn nctccnnccn ttanctnctt      180
nacantntaa attnntaata tacatt                                           206

```

```

<210> 773
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 773
aattccggtg ctgtcgaaaa aggtcattcc cagtcttttt agactcctgt tttccaggga      60
gacatcctct gatcctttga gcttcatgat gaatcacctg aattctgtag gcgacacatg      120
tggaactagag cagattgata tgtttatact tggatactcc cttgaagtaa agataaaaagt      180
gttcagactg ttcaagttta actccagaga ctttgaagtc tgctaccag aggagcctct      240
cagggactgg ccggagatct ccctgctgac cgagaacgac cgcactacca cattccagtc      300

```

```

<210> 774
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 774
aattccggtg ctgtcgggtca cttatgccta taagcgggca tacaacaggg gcacaataaa      60
tgtttggttaa gtgaatgagg gctttgagaa ctatagtgga tcttagtcca actctcttat      120
ttaacgaggt ccacagaggt tctgcgattg tctaagaaaag aaggctgtgt tcatggcctt      180
tggtgtttac gtggccctgt gattctcttg gctccgtgaa agtcctgatg cagacattcc      240
ggccatctag aaaggcatgc agacaagcca tccagctggc atgatcctga gtccagcttt      300

```

<210> 775  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 775  
 cagagcgtgg caggagctct tggttgcccc tgctgggagt ttcgtctcct agcaggtacg 60  
 gaaagccatg agggatgctg ctctcagcaa caattctgcc ttaacagaga aggcagacca 120  
 gtccctcagga cctggaggga ggtcatgttg tggacttcat agctggaaaa gaacactgga 180  
 ttttaggaac acggtcgcag aaagtttaga ctaagaagta gattcttctg ggttgaggca 240  
 tatttcacaga agagatgata aagttacaag gatgataaga tggtaataga tgccttgatt 300

<210> 776  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 776  
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 ttttaatcct gatttttcca taaaacatga gtattaagaa ataattcctg gtttgaggaa 120  
 actggataaa tcaccctttt aaggaagaaa cactggaaat ttctgctaac accaagatat 180  
 tnaagagtgg acatantagg tgcntnancn cattaatga nngaataaan gnttnnaaan 240  
 actntcanan cncntatnct nnnctaannc tnttcnannn acnnnatatt tt 292

<210> 777  
 <211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(299)  
 <223> n = A,T,C or G

<400> 777  
 aattccgttg ctgtcgggga agtgggccaa aggaatcagc tttaaaagcc ctaaatagtg 60  
 acatgccctt atatattctg tcatectctc aaggtagagg gctgaaacct cattatgctc 120  
 aacttatgag gctttttgtt gtggttcctg atgctccttt gcagataata ctaatgcctc 180  
 aggttcagcc agggccacca ccatgtccgg tattctaccc agaaaaacaa gaaatcaccc 240  
 ttccacctga tggccttttg gttttgagat tccttatgcn tatgtgactg anagaggac 299

<210> 778  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G



&lt;400&gt; 778

aataccgttg	ctgtcgaaga	tgtaaagcca	cattgattca	ctcagccaac	cagatcaatg	60
gctcatttgc	actcaattta	attcatggaa	agacgaaagc	agagacagaa	caagccaaaa	120
gtgagtttcc	cttttgactt	attatcactt	ccacatntnn	ctggggagca	gattgtncag	180
agagagaaac	ngnnagcnan	tgtgtcaagn	gttancnnnc	ggangaangc	ctcaaaacga	240
cntaangnng	nnnaagcagc	nngaancagc	tcnctgtggt	gaacncagaa	gtg	293

&lt;210&gt; 779

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 779

aattccgttg	ctgtcgcgag	gctccatgat	gcagcttacg	tcggggacct	ccagaccctc	60
aggagcctat	tgcaagagga	gagctaccgg	agccgcatca	acgagaagtc	tgtttggtgc	120
tgngtctgnc	tctactgcat	acnggtgcaa	ntntcggntn	nttttngnnn	anggtngctt	180
nngtnnnnnt	gtantttnnn	ttatntcttc	tnnnntnctc	tttaatatcn	tnttnntntn	240
gtnctnantt	ntttnnctna	anancncatn	tnantttncn	cnngtnttct	ntnctttctt	300

&lt;210&gt; 780

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 780

aattccgttg	ctgtcgggtt	gttacagaag	gagaaagtgg	cagttgaagc	atttcagatt	60
tgctgccttc	tcctacctcc	tgaaaatagg	agaaagttag	agctattgat	gaggatgatg	120
gcaaggattt	gcttaaacia	agagatgccca	cccctgtgtg	atggcttttg	taccgaaca	180
ctgatgggtc	agacattttc	ccgttgcatc	ttgtgttcca	aggatgaagt	ggacttggat	240
gagttattag	ctgctagatt	ggtaaccgtt	tctgatggac	aattaccagg	aaattctgaa	300

&lt;210&gt; 781

&lt;211&gt; 280

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(280)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 781

aattccgttg	ctgtcggcat	atacagcaaa	ttaaaggacc	cagaaagctg	gatccaatag	60
tgacctgggt	acaccaatcg	gaatattgaa	tttggggaag	tcaagggctg	ggatcaagag	120
gtggattgga	actaatgccca	tgtaggatgg	tatgactagg	cancantgtg	ttgtntctcg	180
tntatatant	gggtgcctnc	ctntcttgn	ttntctcttg	gtgntntnnt	ncnactanat	240
agtgactcct	nagtcggggn	cgctgccctc	gttgaatttt			280

&lt;210&gt; 782

&lt;211&gt; 262

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 782

aattccgcttg	ctgtcgcttaa	gttgttggct	cagtgtatgc	tggggacaaa	gaaaaactaa	60
caagccgacc	tgcttttatg	ataaattcta	gtgtgcttac	aagggatgac	ttcctgaggt	120
gtgatctgnc	caccttgaag	aactccacan	ntgannaagg	ggagctgtga	tancgagaat	180
tgggnnnnnn	catnnggtn	nancaanggg	nnntnangnt	naaanattcc	tgantnaaat	240
gnncnnnnnn	naaaaaattn	tc				262

<210> 783

<211> 299

<212> DNA

<213> Homo sapiens

<400> 783

aattccgcttg	ctgtcgctca	aacaaaaaag	ggacatttat	gtgcagttgg	gacagcaaac	60
caagtccttg	acgtaaaatc	gaataaaaga	cacattcata	tccaatagag	accacacctg	120
tattcatatg	ggaacaatct	ggaatagtga	tatcctcaag	gggtaaaaaa	tatataaata	180
tatatatata	tgacaaaagg	tatgaaatgc	aaaaaagaaa	aaaaaagggtg	acagccgcag	240
ttgatgctgt	gatggccgtg	aagtgtcctg	ggcctcccga	ggcctctgac	aaataaaca	299

<210> 784

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 784

aattccgcttg	ctgtcggatt	tgtgtcttga	ccagggggcca	gatacagaga	atgtcccat	60
catgtacatc	tgccatggga	tgacgcctca	gaacgtgtac	tacacgagca	gtcagcagat	120
ccatgaggcc	attctgngcc	ncacngnnna	tgatnnnnac	accngatata	ncatgntgta	180
gtgccctnct	acagacantg	ncnatcagtg	nccncttann	ngacnccaan	nnantnccn	240
nnngtgcctt	ttannnaca	g				261

<210> 785

<211> 300

<212> DNA

<213> Homo sapiens

<400> 785

aattccgcttg	ctgtcgcttg	tttttcagac	ctcgaactat	ggagaacagg	aattgaagcc	60
cagggtggatg	gtccaatgcc	agaccatgga	tcatcagcct	gggacaccaa	agtgccacac	120
tctcagagtg	aggatgattt	ttaggaagtc	agctctacca	ccctccatac	caggaaagtgc	180
aagcagactc	atctcatgat	cgagcagaat	atgagaatcc	ttttgaagtt	ataagctctgt	240
atggatttgt	agcacatgtt	catacaatta	gatggggacca	aatcccttaa	tttattaaga	300

<210> 786

<211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 786  
 aattcgttgc tgtcggaagt tattgctttc caggggtcac tctggcttcg actccgtcgc 60  
 tctcaattcg tcaccaggag gaagacggag ctggctgccc agcccaaagg cccatgaggg 120  
 gatgcagtta tgggctctgt cgccgtggat tggtattttg tgtcagtann taatnctnt 180  
 tngncnnaca tngnaagaa ncgntcnntg gnaanactg ttccnntcga agatnctnt 240  
 gagctnnnaa ncnnttgnnt nt 262

<210> 787  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 787  
 aattccgttg ctgtcgcaag ggtcttctct ttcactcaag ctgccattct cctagccatt 60  
 tgtggcttga caccccaaga gctttattct ctcttttcat tgcttgagtc caccaagata 120  
 ccaagttagg tcacctttta ttttaaatca gccccaacga gggteccctc cttttcactt 180  
 ttactcctct gctctaacc aggtcttcat aaatttttgg gcttttagct gatttccctg 240  
 cctgcctctt tcaaagccct ttaccactg cggaatcata tttaccatgc aggactgcca 300

<210> 788  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 788  
 gacaacttca aaaacaaatg agaagcccaa ggaactgtga gcaattaaaa gcaaaccgcg 60  
 acaccctttg tctccaccac acatagtgtg ctttggaagc acaacgtcca ggctgggtacc 120  
 gcagcgccat gccattcct nttntnattc nttggacact tcaatttctt nnatannntt 180  
 attanntnt gnttttattt tanncnntct gntngctntt taaattttnn ntntcntann 240  
 ngttntnnan ntntnnanata ctntntntn nactnntatt ttaca 285

<210> 789  
 <211> 266  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(266)  
 <223> n = A,T,C or G

<400> 789

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gtccgacgcg cctggctagg agcgccgacc gcagggcctc tacggacctt actagaaaaa    60
tgaaacctga tgaaactcct atgtttgacc caagtctact caaagaagtg gactggagtc    120
agaatacagc tacattgtct ccagccatct cccaacaca tcctggagaa ggnttggcnt    180
ngagnnctct nngaangnnn nnnnnnnngn tggganntnn actgtctntt ncattngtnn    240
tntctttgan tttctattnn gncacg    266

```

```

<210> 790
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 790
cctggcantt tnccananat ctctaantnc gaagctgtcg aaagaccaca agtttcagag    60
catggagaca ttctgtctga atcgcttctt cactctctcg gcaattgctc attctagggt    120
tgggcatcat agttggtcag tcttaattcc catgccaaag gacaaacagg tgtgacattt    180
ggatagatga atactgggat tggctctgga gcatgtgttt tgagttgaac cttgcagtcc    240
tttctctacg cccgtggatt ttgtggaac actttgcaat ctctttgtct tttttttttt    300

```

```

<210> 791
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

```

```

<400> 791
aattccgttg ctgtcggccg ctctctgtaa gtgtttgctt gtgcaaaaagg gaatagtgcc    60
gtggagggtg gtgtgtccat ggcacccgga gcgaggcgac tgtcctgcgt gggtagccct    120
aggacgcaga gtgaggccnc canccanagt cagacccttt gnacctgga catngtanca    180
ttanacactt tatatactg agccnatnag cctgtncct caancancan cctgacttg    240
gatatgnnga anaggacnan ttgngngent cnnatactnn tttngcttac tc    292

```

```

<210> 792
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 792
aattccgttg ctgtcgtctc ctacctttgg accagccagg gctgtttata agtgctaaag    60
cccgaacaaa ccaaagagt ggggagaaa gacctactaa cagctgagtg attgtctaac    120
agactgtctt ttaggccagt gactctggca tagggcaggc tgcatagcca gcaacatccc    180
ttaccacagg tctagtgtt cctctgggct caaatgtgga ggctacacac ccactcctta    240
gcagagggtg gcttggcacc tgctggtgcc ccaagaacta tggcatggtt agaccctggc    300

```

```

<210> 793
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 793  
aattccgttg ctgtcgtcca ttctttggac acccaaactc agccccctta aagagtggaa 60  
acaaaacaag ctgcactttg cagaggtggt aaatgaaagg actcttggcc taacttcaag 120  
agtccccctgg gggttgaagg ggcaaagtgt gagtctggat ggaacctggg ctgaggtacc 180  
ttaagcttcc ccccgcaaca cccagcctc agggattgag ggagttgtca gagatctgat 240  
ggatccgaaa ggggcagggc caggggatta gggttgggtt cagaggttct gttttccagg 300

<210> 794  
<211> 260  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (260)  
<223> n = A,T,C or G

<400> 794  
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ggaggtttta cnanatggga cttgggtata tttnttatta aantnattat nantntnta 120  
tnactatntt ntatnnnat atnttttant ntnttctta cnntntntc tnttaaattt 180  
ntttctata ctntntttan ntntgntatn tatttttttn tatntntna nttatattaa 240  
tntnttttac atatnttaaa 260

<210> 795  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 795  
aattccgttg ctgtcgcttg tatatccct aaactcctca cctatatcac aaaaacctgc 60  
caaggcagaa tacattccct tgggaaagga gctttggcgg gcaagcaggc atcgggtccc 120  
atctgacacc agcgtgatcg ccacaggagc catctaggaa aggggaatgg aaactgagat 180  
gctggcactt tgggccctgc caatgagcta aagcagtgt taattaagga attgcacagg 240  
cttccttccc caggacaaag cagcgacag tcttcttggg ttactgtcct cttacagcaa 300

<210> 796  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 796  
aattccgttg ctgtcgcttg ggtataacct aacccaaaga aaagtggcat gtgctgaaac 60  
tgagtgtcac agagctgtga ggttgggtct ttgggattag cttcattttc cagggtttgc 120  
cctttgccct tcaaccaaag gacaaagtca tgtaacagc tgctactaag tctatatgcc 180  
cattcggtca taccacaaaa caggcatctg actcctctgg tcaccatgga atcaaggcac 240  
tgtcaagtgg tgggggggtcc acaggcacag tgggcttcac tctggaacag gattactggg 300

<210> 797  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 797  
aattccgttg ctgtcggcca ggggaggtca aggctgcagt ggactgagat tgcaccactg 60  
cactccagcc tggataacag agtaaaatct tgtctttaa aaaaaaagta tgactcagca 120

```

gatggaggag cctcccattt ggtctttcct ttccgtttgg tttgtcttcc aaatctcctc 180
cagcctgctg tgtattcctc agcaactcac ttcaagcacc agcctgatcc tgtagatgaa 240
ccctgcataa ctttctccgt caacaaacac ctgaggatct gctgtgtccc cagtactagg 300

```

```

<210> 798
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 798
aattccgttg ctgtcgactt ttcagaatgt tcatgatttt aatgagctga aagatagaga 60
ttcagaaaca cgagttgatc tgaaatttat gtacctggat cctccaagag atcatcacac 120
cttagagatt cagcagcaag cctgctaag agagcagcag aagaggctga acagaataaa 180
aatgcaggaa ggtgccaaag ttgacttaga tgccatccca agtgctaaag tacgagagca 240
aagaatgccc agagatgaca ctagtgattt cttgaaaaac tcattattgg aatctgatag 300

```

```

<210> 799
<211> 259
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(259)
<223> n = A,T,C or G

```

```

<400> 799
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tnnactgatn gnctnnccctg tgnnttcnag tgaganntcn gtantcnggg tgcaactcct 180
gctgtacnct cnnccctatn ctgnngctac tctgatnatg antcnaccct tatnngnctn 240
netgctcctt tgctctcng 259

```

```

<210> 800
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 800
attttttagtt ttctcagtag accgtcccag aaagaaatac gctataaacac ccaccagcct 60
gagggctgca ttgctgtgga agcaggaatg gataccctta tcatgcatct ctgcaagaa 120
actgccccag agaatcagaa gtcatctctg caggaggatg gatctttatt tcacgaacag 180
tccaagaaat gtgtccaggc tgcgaggaag gagtcgagtg acagtttctg tccactctta 240
cgagactgca ccaactcgga tcatcagaaa tggttcttca aagagcgcat gttatgaagc 300

```

```

<210> 801
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 801
aattccgttg ctgtcggcca agggctccac tccagtcctt tgctgtcaa tcagaagatg 60
ctcagaggag aggtcttctg atcatcttca tcttgacatt ccaagagcag taccgggtca 120
gcatccacaa aagcacactg taaaactggg aactgtgtct tacccttctt gaggtaaaag 180
ggaaagttaa tgctcagcc tgaggcaggt gggccccctg ccatgcacac ctttgccttg 240
cagccaggga tccacttggc tgggctcaac ccttccccgt cagggacgac tgcacagaaa 300

```

<210> 802  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 802  
 gggttcctgcc ggctgtattc gggccttggga ctggactgag aagctacggt gcggatccag 60  
 ctggggtgga gaccatccat ggaaaagaac cccctgatg atacggggcc cgtgcacgtg 120  
 cctttggggc atattgtggc caatgagaaa tggcgcgggt cacagctggc gcaggagatg 180  
 caagatgctg cattctttat gtcaccgaag ctgatttggg ggcaggaaat ggctacagaa 240  
 agaggcttgt tcgggttaga aattccaata atcttaaagg aattgtagtc gttgaaaaaa 300

<210> 803  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 803  
 aattccgttg ctgtcggctg gtggcaccct cccctggggc ggaagactgg gaattcctgc 60  
 taagtgtggc ttctagagtg tttgtgtgta ccccgcttct gactgcctag ggcgagtggg 120  
 catcctgtca tcattctcac tgtcccaagc agtcactagg tggcggccgg gccagctgga 180  
 acccagccca tcctctcagg cagagcaggg tggtcggggc aactgggg cc tgctctcca 240  
 gcctcaggat gctcttgttt attctgggct cagaccctcc tcttgtagct ctcacacag 300

<210> 804  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 804  
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 acgttcccc tacccagga cctccttggg acttacacgg aggcccgagg tcagaaagca 120  
 cttctgggtc aagctgaggc aaggccgccc cccatcccc acccctgcc tgctcgcca 180  
 ctcaacaccc tggcggttcg aacacctcc atggccaaag tgaccactcc ctgtctgctg 240  
 aagtgttttc atccccatgc tcacatggac acccagccac cagcgtggtc tcaggcacat 300

<210> 805  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 805  
 aattccgttg ctgtcggccc agggcctagc aatgtatctt caggaaaacg gcattgactg 60  
 ccccaaatgc aagttctcgt acgccctggc ccgaggaggg tgcattgact ttcactgtac 120  
 ccagtgcgc caccagttct gcagcggctg ctacaatgcc ttttacgcca agaataaatg 180  
 tccagagcct aactgcaggg tgaaaaagtc cctgcacggc caccacctc gagactgcct 240  
 cttctacctg cgggactgga ctgctctccg gcttcagaag ctgctacagg acaataacgt 300

<210> 806  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 806  
 aattccgttg ctgtcggcct gcccagggtg cgggccgagg gtcaggggcg cgcattggcat 60  
 ccccgacctg gccc aaaagc tccatttcta tgaccgctgg gctccggact acgaccagt 120

ctgggattat	aggcatgagc	cactgtgcct	ggctctgctc	catgaatgta	gagaagagag	180
gcatttccaa	gaccaggtga	ggaatccaca	tgggggtgcac	cctaaggcag	aaaggagagg	240
ggctgagcat	gagaacgagg	aggcgctggc	tggctgcagg	acaggaaatc	atagaggtgg	300

<210> 807  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 807						
aattccgttg	ctgtcgctcc	cctcccagga	gcctggggat	gccaaacatc	cagaatgtga	60
tgggacaaga	tgggggcagg	ggcctcacct	ccctgcagag	gtccggccag	gtctccttgt	120
ccctggacaa	tctcctgagc	ctctctgctt	ggaggagcag	gcacctgtgt	gcagaattcc	180
cactgtggcc	agcacgagga	agtcttttct	agtgaatatg	tgtcttgggg	tcaggataaa	240
ttatcctttc	ccctgtagcc	accaaggagg	gcaaatagag	aaaggaacc	taattgaagg	300

<210> 808  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 808						
aattccgttg	ctgtcggaag	accgccagcc	tgatagccaa	cagttgtaaa	gcagtctctg	60
ttctaggatg	tcccgaccga	gtggtgcatg	agatcgccca	tcagtacgga	aaaaatgtag	120
gaatagcttt	tcagctaata	gatgatgtat	tggacttcac	ctcgcttctc	gaccagatgg	180
gcaaaccaac	atcagctgat	ctgaagctcg	gggttagccac	tggctcctgtc	ctgtttgcct	240
gtcagcagtt	cccagaaatg	aatgctatga	tcattgcgacg	gttcagtttg	cctggagatg	300

<210> 809  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 809						
aattccgttg	ctgtcgccct	agtcttccat	tagctctttc	actggaattt	gagtatatgt	60
tacatgaagg	ttggttttca	atttgaacgt	ctagaaagat	actcatttct	aataacctatg	120
cactgtagtt	tcagggtttac	ttgcagacac	cctggtaggg	ttaagaggag	gatatttcca	180
agttatttta	aattgagttt	acttttaact	gggttctctg	actctagtgt	aattgctcca	240
acaactacgt	agaagtcaaa	atgagtgact	ttagtgaagc	ttctgtactt	tacaatacat	300

<210> 810  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 810						
aattccgttg	ctgtcggaag	gggtctgcta	ttgggtctat	ggaagcttat	ctatcaaagg	60
agcaaacgtc	cagaaaagtg	tttataaagc	aaatgtattg	cctctgttta	gagatttgcc	120
cagctgtttc	agtttttaac	attaaaaaat	aaactcagtt	gccatggcaa	aaatagaatg	180
cacagcttac	ttataatttt	ccatgcagta	tagcataagg	atttttgact	tgaacaacc	240
aaagaactcc	tccttaacga	gacagttcaa	attcctgaat	tagtatattc	tgactatcaa	300

<210> 811  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



&lt;400&gt; 811

aattgttgt	gtcgtctgt	gtaagggett	gtctccctcc	cagtttttct	tttgtccac	60
gtcattttgt	caggttggt	ataagccgga	ggcagcttta	accagccccc	agggatgatt	120
gtgaaggagg	cccctcccct	tgtgaggagg	gggcactcct	ctccagcccc	tggtaccaca	180
gtcctcacga	tggtgcagt	atttctagcc	aggcgtcaag	atgcgctgct	ttccctctcc	240
tgctcatccc	ttgttggcag	ctccagttca	ggcgtggag	ggacgtgatg	ctgggctgtg	300

&lt;210&gt; 812

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 812

aattccgttg	ctgtcgcatt	aactttcagt	ttcccatgt	tacttttgta	acagggattt	60
gagaccttaa	actgttcac	aaagtaagcc	ctaatagaaa	ggcagagcaa	taagagcaca	120
tgctgatgta	attctccttt	gcaaggagaa	tttcatttag	ttccattgtc	atatagacca	180
gtgtcacccc	ttttccctga	ttcctactga	taacaactat	ttttcagtgc	ctttgaagat	240
actgaccctt	ctacctgccc	agctgttttt	aaacagctgg	agcgtgatga	tggtcataaa	300

&lt;210&gt; 813

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 813

gctagatttt	cccatgggtc	cgttcccttg	cagacagagg	attcggagag	ccctaggaga	60
caggcctgca	ggaatgtgct	tcattagctg	cagtgcgctg	gtgctgccta	acagaacgca	120
cactggctgt	cactaggaag	cgccatacgg	ttgctatcac	ccaacatggg	gaaaggggtga	180
tggtattcac	tgtgaatatg	ccaaggacac	ctctaaactt	cccccatgtc	agtcagatga	240
agttactact	atatttcacc	accctgcagg	taactgaaac	tcaattaccg	ctgccgctca	300

&lt;210&gt; 814

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 814

aattccgttg	ctgtcgcagg	gtggctgcac	aattggcccc	tctatgctat	tgaacccccct	60
taaggagggc	tccttgctag	ccctctgggt	tgtggtaatg	tctgctggga	catattttac	120
atthttgcatg	aagccatggt	ggagattcct	ttagctaaat	ataacatctg	gagaaagtag	180
cctcctgttc	acagcttaaa	aacagactga	ctttgtctag	gacgagaggg	aaaattgagc	240
ccgtttgggtg	ctcctgacat	ctcctttcat	gtaatgaaag	ctcagctctgt	ctaacctctg	300

&lt;210&gt; 815

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 815

aattcgttgc	tgctgcactg	ctttagcgag	agagggttta	cttaggaaga	attgggatag	60
aaattcccag	ctgagagAAC	ttagctgtgg	gtcctcagc	tactgacttc	ttagctctta	120
atccccttag	aatttcacct	ttctcgatga	gcaggctctg	caccactct	ttttttgccc	180
cccgcctca	tcctggagtg	tgagggtgct	cgcccgact	ctcagctgcc	tctcaggagac	240
tgactgttc	ctcttcaccc	ccaggttcct	gctaagatcc	cacgggcgag	ggcttgcctc	300

&lt;210&gt; 816

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 816  
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 ctctgcggcc agtggtccca cctcctgcc tgtttcccta gtagcttggc ctttatccag 120  
 aactgtgagg ctgctgtggg gtgcagcgtc cttaggaggg tcctgctgga gcagtggccc 180  
 taagtgtgagc tggactgtgt gaggcacccc agccctccac ggcaaggccg gggcctgggg 240  
 gtgctgggtgc ctgtgtgcag cctgaaggct gccctcttgc tgettccagc agtggaagc 300

<210> 817  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 817  
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 acgtcgcttt gtttttttcc ttttatagaa agagcaaggc tcagggtagg cattaggcgc 120  
 ggtgtagggt tagaaggaaac tggattattg gtttattgca tttagaatgt cagtctggtc 180  
 cttgcggtgt caagatgaac tcacgtggga tgttaattca cttgtaaaac tgagggttat 240  
 acatatgtgc tcagggtattg ggctgaacag gtgctttggg ggtgctttta tgtgcccagc 300

<210> 818  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 818  
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 ttgtctgggc agtttttctg tattttataa gtatcttcat gtatccctgt tactgatagg 120  
 gatacatgct cttagaaaat tcactattgg ctgggagtg tggctcatgc ctgtaatccc 180  
 agcacttgga gaggtgagg ttgcgccact acactccagc ctgggtgaca gactgagact 240  
 ctgcctcaaa aaaaaaaaaa aanttcnntn ttacaancc taaactnttt aaaatccaaa 300

<210> 819  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 819  
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 gtctgtctgc cccacagat gcatgttctt taccatcacg taggtcaggc caggatgtca 120  
 aggagagcaa cccgaacta gtcctggtga tttagactag agcgtcttcc actgctgtga 180  
 ttcccttcatt ggcactttct tccagttgta cagtgtctgt ctttgcttgg tctttgcttg 240  
 ttctaccctt agtttagcag atatccctct ctccatgaac aagggtgagt agctcttttt 300

<210> 820  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 820

aattccggtt	ctgtcgccaa	acaaacattg	cagggttgat	cctagtcttg	aaagttcggg	60
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atcctgtcgc	tctggcctca	ccctggggat	gccacatgac	agcaccgcag	cattttcaat	180
aggtagacca	cctgcgagga	ggaaggaaaa	atgtgcccaa	ggccattatg	gagaacaaac	240
acctatgcag	ttggagaatg	ctgaagacac	ccaaggggtg	tgctcctctc	ctcctgagag	300

&lt;210&gt; 821

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 821

aattccggtt	ctgtcgccac	tggtggcaag	aggctgctga	tccccgttgt	gcctgggttg	60
gacagcctca	actcggccat	ggcggcaagc	atcctgcttt	tcgaagggaa	aagacagctg	120
cgggggaggt	ctgggaagtt	gagcagggac	aggagtacc	actgaggacg	cagaagtgc	180
ttctgcttga	ggacgtctgc	agctcctcct	acaccagcac	actggtggga	ggctggcgga	240
gtcagtgc	atggcccacg	ttcaggagga	agggtgtgat	cgtcatata	gttacaggaa	300

&lt;210&gt; 822

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (285)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 822

aattccggtt	ctgtcgctga	cggcgctttt	gtctccgggt	ccagaggcct	ttcagaagga	60
gaaggcagct	ctgtttctct	gcagaggagt	agggtccttt	cagccatgaa	gcatgtgttg	120
aacctctacc	gttaggtgt	ggtactgacc	ctactctcca	tcttcgttag	agtgtggan	180
tncctacagg	gcttactaga	ganccnactn	ccngngacct	nntggancan	cnnaancnn	240
ntancgaacn	nagagcncac	caanaggcct	naccaccatc	catcc		285

&lt;210&gt; 823

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 823

aattccggtt	ctgtcgcaaa	tctttgccac	ttctaaagcc	caaaaattac	tattccggat	60
catagattgg	ttactgctgc	cacatgcagt	attacagcaa	gagaagggaac	tgctgcacc	120
tatgttgtca	gcaattcaga	aaagtcttcc	tttgtatctc	cagggcatgt	gtatcgtgtg	180
ttgtcaatct	caaaatccga	atgcctatct	gaatcaattg	ctagggaatg	ttattgagca	240
gtatattggg	cgatttcttc	cagcttcacc	atatgtttca	gatcttggac	aacatcctgt	300

&lt;210&gt; 824

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 824

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&lt;210&gt; 825

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 825

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&lt;210&gt; 826

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 826

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&lt;210&gt; 827

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(267)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 827

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&lt;210&gt; 828

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 828

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gacacttacg	atgctgagaa	gtacacaagg	tgaaactgct	ccagtttttc	tcatagcagg	240
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 <212> DNA  
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 gcagaagaat cgcttgaacc caggaggcag aggttgagc gaaccgagat ggcgccaact 240  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 836  
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 <213> Homo sapiens

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&lt;210&gt; 838

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 838

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tgtccgaaag cagtcagga gattattaag gggctgccat gaatccactt tggtttttaa	180
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cagagaagtg acccccgcgg gagcagcgcc aggtggatct ccacggtggc tcgcttttgt	300

&lt;210&gt; 839

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 839

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&lt;210&gt; 840

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 840

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&lt;210&gt; 841

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 841

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caggaaatca tagaattact caaaaagctg gttgggcttg agagcttctc attagccttt	180
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&lt;210&gt; 842

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 842

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&lt;210&gt; 843

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 843

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&lt;210&gt; 844

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 844

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&lt;210&gt; 845

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 845

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&lt;210&gt; 846

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 846

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 <212> DNA  
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 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 851

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&lt;210&gt; 852

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 852

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&lt;210&gt; 853

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 853

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&lt;210&gt; 854

&lt;211&gt; 268

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(268)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 854

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cnanganacac	gnctagtnan	agtcnanang	nnannnnancn	agnaacannc	nngccangng	240
naananannnn	cgnnnnnnnnn	nnnaanag				268

&lt;210&gt; 855

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 855

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<210> 858  
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 <213> Homo sapiens

<400> 858						
aattccgttg	ctgtcgctca	cgccccctaa	ctcgcagggc	tttgccccc	actacgacga	60
catcgaggcc	ttcgtgctgc	agctggaagg	taggaaactc	tggcgtgtat	accgaccccg	120
agccccaacc	gaggaaactg	ctctgacatc	cagccccaac	ttcagtcagg	acgacctcgg	180
tgagccggtg	ctgcagaccg	tgctggaacc	tggagatttg	ctgtattttc	ctcggggcctt	240
cattcaccaa	gctgaatgcc	aggatggagt	ccactctctg	cacctcacct	tgccacgta	300

<210> 859  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 859						
aattccgttg	ctgtcgctct	taatttcttt	ctgggtagta	aaaagaacat	gtttcattct	60
ttgcataaat	acttgactct	aagcattgac	ctttgaaaac	gcttgattta	acaattttta	120
ttaagaaagt	gcactctata	taacatcttc	ttgcattacg	atagctcatt	agccaatata	180
catgcagcta	tgtaagccac	aacagcagac	gtcctatcct	tttgcttttg	tttttaaggg	240
atcaaaatat	ttcaagggat	accatgagga	agggtg			276

<210> 860  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 860  
aattccggtg ctgtcgggtg atggccagga aagaagccag cacaggggtta aagtaactcc 60  
tggcattgcc caccaggggg ctggtgcacc tgctgacctc agggtcacag ttgagtcatt 120  
tgccagttga cggagcaagt ttgaccttggt ttctgttgct gaagcaaatt tggaactttt 180  
ctgtctcagt gtgatccact aaccacacagg atcatttgga accttgaata gctctgcttg 240  
gacaatgggg ttggggaata ggggtgtctt tcctatgaaa atgccatctg tagaccttgt 300

<210> 861  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 861  
aattccggtg ctgtcggggg tggccaccca tgggagagct gctctgtatt ttcagcagaa 60  
tagggtgtgt tagtgtcaga gcctttataa gaaacaggcc agtaaccag ccccttcca 120  
tggaattcat ctcatcgtt gtgacacatg atttcctccc aaccagttt ggctttctaa 180  
atttagtcct ccataatggg aagtagagat ctttagttaa tggattagca agtttttgca 240  
gttctgctat ggtggtaaag ggggagtagg agaataacat taagtggcaa tagtgcattt 300

<210> 862  
<211> 296  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(296)  
<223> n = A,T,C or G

<400> 862  
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gtttagaagg tgcagagacc agggcaactt cagggatcca ggtagcagga aggaatcggg 120  
agcctctaaa cctagtctct aagagcttct cattacatga gctgtctcaa agccctccaa 180  
taaattctca gtgtaagctt caaaaaaaaa aaaaaaaaaa attncnnggg ncngtttttn 240  
ncnaaaancc aanctnnana aaanccttng agnatattggn nnaaccnna cttaaa 296

<210> 863  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 863  
aattccggtg ctgtcgggtg agaagtgtg gcttattaga gactctggct gaaggctatg 60  
tgcgaactca ggaaactgct aatcacgggt cgtgtttttc agccctgtc ttcaggaagg 120  
cttaactcta agggaggggt gttttgtgtc atctccagag ctctcatttc tcctgtgtgg 180  
cttggtgccg aagctcattc gtccctcgc tgtctgttcg gcccttgctc tacctccct 240  
ttctctttcc acgcttttgt gtaaagtagc cctctttcaa gctgctcctc tgcctttgaa 300

<210> 864  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 864  
aatccggtgc tgcgaatct gtaaaccttt atgacattag gaactaagaa acttagtccc 60  
ttcgtaggg ggataatgaa atgtatttag tgtttgtgaa acatagatgg tatgtatttg 120

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gacaattctg taactttgct ttttttattt ttatttttcc atagcttatt ggggaacagg      180
tgggtgtttg ttacatgatt aagttcttta gtggtgattt gtgggatttt ggtggaccca      240
tcaccaagc agtgtacact gcacctatt tgtaatcttt tatccctcgc cccctccca      300

```

```

<210> 865
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 865
aattccgttg ctgtcgaata aagtcacatct ctcaatactt atactttcta aattcatctc      60
agaatattag cagccatatt ccacagttcc tataattttt actggggggg atttgtagata      120
ggaaagtcct tgggaaacat ttccaatctt tcaaaatatt atcgcggatc ttaagaagca      180
tcggaacttg natgttgnaa nggtgcatgn tanancttnc nccntctnct acgacccgcc      240
nttntnnecn nccnccann tngacnggcc ccccncccc cccctc      286

```

```

<210> 866
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 866
aattccgttg ctgtcgggtt ttgctaactt ggattcctgt ggaagggcct cctctctctg      60
ctcgtgtttt atagcttggc aactctagtg ctagtctctg aatattcgaa tttgagtagc      120
cagaagaatt tgctgccagg gtggccttgc ccttgacttt gaaatgaact caccgagagc      180
ttcagcttga tgccctcttt ggctaattgt gggttctggg ctttgccgc cgcctgcctg      240
tccatcaca ggggccatgc tctccaatca ggacagaagt tttaacattt ta      292

```

```

<210> 867
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 867
aattccgttg ctgtcggggc agcccgggtt aaaggcacac tactcaagg ccggctctca      60
tttagtgga cgcagggtta aatgetgctc ccaggccttg ggtccagtg accaggaaag      120
ttttgaaaat gagaacatgt gttgacccta ggactaggac aacagcgccc ttgattttgc      180
ggaagtcttc cctggaagtt gggcgtgctt gatattgaga cgctgcactt tgtgtttctt      240
gacggctttg ctgcaaattc tcacacacct tgcgcttgag taaaaccca aggattccag      300

```

```

<210> 868
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 868
aattccgttg ctgtcgggtt gctgcacgtg ttgcggtgcg cctgccccgg ctgtagcacc      60
ggcgggtgcg gcagctggaa ggtgttccgc tcccagtgcc tgccaggtgcc agagagagag      120
gcgaggagc ctcagaaaca gggaaacagc cttgcagctg aggactggtg tgaaggtagt      180
gatgactggg gaagtgatac tgaggagggg cttcaccac agtttacctt ggattttggg      240
aatgatgcca gcagtgccaa agacgtagac tggactgctc ggctccaaga cctccgcctg      300

```

<210> 869  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 869  
 aattccggtg ctgtcgacaga caccttctcc tatggtgggc atgaagactt ttcaaaaatg 60  
 attgatgaag ctgagcccct gggctaccca gtcgtgggta agagcacacg aggccaccgg 120  
 ggaaaagctg tttttctggc aagagataaa catcacctct ctgacatctg ccatctgatc 180  
 cgccacgatg tgccctacct gtccagaaag tacgtgaagg agtcccatgg aaaggacatc 240  
 cgggtggtgg tggtaggggg ccaggtcata ggctctatgc ttcgctgctc cactgatgga 300

<210> 870  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 870  
 aattccggtg ctgtcgaaac tgtgggcatt tatctgtgag ctcgggcccc acggagggtt 60  
 aaagctcttc ttggaatgcc tgaacaatga cactgaagag tccaagcaac tcttgccat 120  
 gctgatgctg ttctgtgact gtccgaggca cctcatcaca atccttgatg acattgaagt 180  
 ttatgaagaa cagatttcat tcaaactgga agagctggtc actatctcct ctttctgaa 240  
 ttcttttgtg tttaagatga tctgggatgg aattgtagag aacgccaagg gtgagacctt 300

<210> 871  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 871  
 aattccggtg ctgtcgctgg catttgagc ctacattctg gaaccatttt ttattcaatg 60  
 tgaaatccct gaacttgca tcaagctcat tacagctgtg ggcataactg tagtgatggt 120  
 cctaaatagc atgagtgta gctggagcgc ccggtccag attttcttaa ctttttgcaa 180  
 gctcacagca attctgataa ttatagtccc tggagttatg cagctaatta aaggtcaaac 240  
 gcagaacttt aaagacgcct tttcaggaag agattcaagt attacgcggt tgccactggc 300

<210> 872  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 872  
 gtggtggtac acgcctgtaa tcctaagtac tcgggagact aaggcaggaa aatcgcttga 60  
 acccagaagg cggagtttgc agtgagcgga gatcacacca ctgcactcca ccctaggcaa 120  
 cagagcgaga ctgtctcaaa aaaaaaaaaa ttaccntnnn ttttttaggn cntttcnaaa 180  
 taaaangggg attttttttt cntgtntaaa aatntaanct anttgtnnct ttannaaaaa 240  
 ngnatngggg gggtnagnan atgngnnctt gnaacagtnt ccnnggntcc tttatcc 297

<210> 873  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 873

aattccggtg	ctgtcgggaac	catagactca	atccttccta	aaagctcaag	gctttctggc	60
ttggtaattt	tgtggggaag	cacttgcaag	aaaaacactt	tgaaatatga	agaaggaaat	120
gtgattccgg	tggtttcttt	ataggcccta	aatcagtaca	ggaagaaata	ggacaagaac	180
cagagaagat	taactttctg	aaactttaca	aacagcctaa	ttccaagta	gagaaaagta	240
tattttaaag	aatgaatact	gggggaggaa	atgaaggaag	gtgaattaag	ccttcacagt	300

<210> 874

<211> 300

<212> DNA

<213> Homo sapiens

<400> 874

aattccggtg	ctgtcgggtg	taatcaagct	ttccacagt	tcttgaaaag	tactatgttt	60
caaatttcag	gaacaccagc	gttagctgta	aaagttgcag	caatttattg	gctagtcata	120
gaaaattttt	gaacttttaa	ctgtatttta	attgatgttt	attaaaaaca	ctttgctatc	180
agatatttgg	cataaatctg	tactcttcat	tatagttttg	gggggagaga	agattcagtc	240
agaaaactta	ttcaaagtac	ctaagtatta	taaaggagtc	aaaaaggtac	aaagagaaaa	300

<210> 875

<211> 300

<212> DNA

<213> Homo sapiens

<400> 875

aattccggtg	ctgtcgcaac	tgccttttta	agaaatttca	cttcttgccct	aattttcttt	60
cccttctgct	atagaaatat	tatgggctgg	atacaaaatg	gggtgacatc	gagcagtgga	120
tggttaggcct	tgaatataat	tttgttttta	ctcttccctc	cccacttgaa	tacagtgttg	180
agacttaaat	ggttttataat	gtaattctta	cgcagtttaa	ctatgtagat	agattcctat	240
tgcaccataa	tttaataactg	agagattttc	ttccggggat	ttctgcatct	ggtctctgtt	300

<210> 876

<211> 300

<212> DNA

<213> Homo sapiens

<400> 876

aattccggtg	ctgtcgggtg	gatggctccc	cctatgaaag	ttgtccagt	agcaggggtca	60
aggtttaggt	ttggggtagc	gacatgagtg	caggagcctt	actctcctgt	gtgttgctag	120
ggatggataa	aggggatgaa	gttggagggg	tttagtgaat	ggttgggaca	gcaaatttca	180
gagaagagca	tttgaaata	atcttctcaa	atatatat	ttaaaatcca	tatttgattt	240
ttttccctca	gggattccca	agcatagtag	agctaaaatg	aattaatttg	ggtaaaagta	300

<210> 877

<211> 279

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (279)

<223> n = A,T,C or G

<400> 877

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agctaacaaa gtgagttcac agcttccaag accccaggct ttccaggcta ataaagagct      60
gaggttatag gctctcctta tcaaacgctc tttggcagct gccataacca ttccaagtct      120
agtcctagaa tagaaatgac gcggtttcag gagctgacag atggaacttt aagccttcct      180
tcctgccaca tctgaagttc ttttttaaan nnataganaa ccatgacgat aaacactcct      240
tgaatgccct gnnngaanagt gtactttctc naattcact      279

```

<210> 878

<211> 300

<212> DNA

<213> Homo sapiens

<400> 878

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aattccggtt ctgtcgggtc tctcaacctc ctattgttgt tataaaatct ctgtgaaagg      60
cagcagcctc ctctgccttc catattaacc agcactttcc ctgtccagaa gttattccat      120
cttacggata ttgagaagat aaatggaagt gattagaatg tactttccaa acataaaaca      180
ttgtactgta ggagtttgtc aaaggggatt aatactacca catatctgta gaagaacttt      240
atgaagaccc tgtgtatctc tcaaccttaa tgactaagat tgtagatatg atagaaatct      300

```

<210> 879

<211> 274

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (274)

<223> n = A,T,C or G

<400> 879

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aattccggtt ctgtcggggc aacaaggctt ccagctggat gtgtgtgtag catgtacctt      60
attatTTTTT ttactgacgg ttaacagtgg tgtgacatcc agagagcagc tgggctgctc      120
ccgccccagc ccggcccagg gtgaaggaag aggcacgtgc tcctcagagc agccggaggg      180
aggggggagg tgtgggaggg tctgnccggn atgttggact tcncggtcaa tgtcnttttg      240
tnntncctgg aattngcttg nannggtact tcct      274

```

<210> 880

<211> 300

<212> DNA

<213> Homo sapiens

<400> 880

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aattccggtt ctgtcgcaaa ctttcttttg tttcaccagt gggaaggaaa aaataaatgt      60
gaaccaaagc aaactcccta catttagctc atgggggttg ttcttctgct tcttgacagt      120
gtcttggcct tttgtttgca ggccaggaga gctattgggt ataccacct ctgggctagg      180
atgtgatggg aggtgggatg tagggggcca gggagaaagg gttgcagcca gcggtcaggc      240
tgggagcaga gacctccagg cgggtccctg gtgttctggg cagtcacgcc caactgccaa      300

```

<210> 881

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (262)

<223> n = A,T,C or G



&lt;400&gt; 881

aattccgttg	ctgtcgcatt	tatgttctat	tgtgcgcact	ggcaaacgta	tgtttctgga	60
acattgcgat	ttggaataat	tgatgtgact	gaagtgc aaa	tcttcataat	aatcatgcat	120
ttgctggcnn	cgattnnagg	ncnantttnc	tnnnccanat	natttcagtn	nttgntantn	180
tntnnnangn	attnnntgna	tntnanttta	gtgnntaant	tnnnnttttn	tttgcnnntt	240
tnaatntnnn	tntntttccc	tt				262

&lt;210&gt; 882

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 882

cttctgtaga	tactgaagaa	acaattgaac	cttatacaac	tgaaaagatg	agtcgagttc	60
ctggaggata	tttggctttg	acagagtgtc	ttgaaattat	gacagtagat	ttcaacaacc	120
ttcaggtgtt	tactacaatc	tgagggcaag	atctttcctc	agtatgtgct	gatgtttggg	180
ttgcttgtgg	aatcacagac	actcctagag	gagaatgctg	ttcaagg aac	agaacgtact	240
cttg gattaa	atatagcacc	ttttattaac	cagtttcagg	tacctatacc	gtgtattttt	300

&lt;210&gt; 883

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 883

aattccgttg	ctgtcggttt	atggattcgt	gggctgcttc	cacctgctag	gagggtgggtg	60
tactctaact	cagggacaga	agcccctgtc	tgtgctcagg	actcttgacg	acctctttac	120
ctggctgttc	atcttccata	atcaactggg	agacgtttaca	tccaagagga	aataatccag	180
gcaagggaagc	acaagctgat	caagatgtgt	agttctgtgg	ctgccaaagt	gtggtttttg	240
acagatcgtc	gcatacagga	agactatcct	caaaaagaga	ttttacgagc	attgaaggcc	300

&lt;210&gt; 884

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 884

aattccgttg	ctgtcgataa	aataatgcat	gtaaggccct	cagcatagtg	cctggcacag	60
aattactgct	caaagtgttag	ctgtcgtatt	aatattgtca	cttttgacaca	ctgatgtaca	120
tttctgtgtg	accaggctca	ttctttaagc	attctccatg	cttaaaccag	ttccataatc	180
cctaggcctg	tactccaggg	attgagactg	aaaggatcat	ttatgccatg	tttctctaaa	240
agcatcattg	ctggaagact	tttgataagt	ctgatgtgtc	tcaagctatt	ctcaagcctt	300

&lt;210&gt; 885

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 885

aattccgttg	ctgtcgagca	gttctttgaa	actattctca	agttttgaac	agaaaagccat	60
gctgtttaaag	cgccaggctt	ttgtgtctct	cagtggagaa	cttgatcaat	accaccttta	120
ccttccactg	atacaagaac	gcctgacaga	caatctcaga	gttggacaga	catccatagt	180
tgctgtcag	atgtttcttt	ttttcagagt	tttgctgcta	agaatatctc	ctcaacattt	240
gacttcattg	tgccaataa	tggtctctga	attgattcag	acattcacac	agcttgaaga	300

&lt;210&gt; 886

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 886  
 aattccgttg ctgtcgggag ctccctccggc tctcccagaa acagagcacc gtgcagaact 60  
 tccacagctg atcggcctcg cctcgcagat ttgccaagta tccgcttcct gtggaagcaa 120  
 gacaaaaagg aaatcaactg agtgggtgtt tggaagagga aggagcaact ctccgggcagc 180  
 ctgcccaagg gagggagcaa gttgcaattt agaagatgcc atacgtcgtg tgacagctca 240  
 tgagcctttc actgggctgg caattgtctg aacacttggg ttcagttgaa atatatgtat 300

<210> 887  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 887  
 aattccgttg ctgtcgtttt ctttaaggat tccccgttac tactggtgat ggagatgtat 60  
 gaactgtgta tgttcttcag gaattataaa gaagctgaag cttaaacttct ggagtttcag 120  
 aagagccttg aaacgtttaa cacagcagcc acaaaggtcc accctgtcat ccttgccatg 180  
 tggctggagg atcaggtgtg tttccttttg aagcttatgc tacagcagtg taagaccag 240  
 tatgagctgg ggaagctttt acagctcttt gttgaaagag agcatctctt ctctgatggt 300

<210> 888  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 888  
 aattccgttg ctgtcggaaa attgggactg agctagagaa agaaggatct taaaaccttg 60  
 ctagagaaaag agacctgatt ccattctcaa gacatttgaa accaaagaca tttgaactgg 120  
 aactaaaaagg ttcaactcag ataaactcct agtttagattg aagagatata ttcttcactc 180  
 tactcttggc aggaacaaca gcactttctc tgggagaacc tattttcttn ttantggtn 240  
 cttttatntt ccatggnta nntanncnaa tttntttga nactntatgt tttgaatntt 300

<210> 889  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 889  
 aattccgttg ctgtcgggac attgctggtg gccccctagc ccttggtcc cgggccagca 60  
 tctcccaggg gccaccaacg gcttctcgcg caggctgtgc cctctctgct gagtcaagcc 120  
 ggaccttgct ggcgtgtgtg ctgtgggtgc tgaaaaaacac cgagccggcg ctccctgcagc 180  
 gctggggcac tgacctgaca ctccccagc tgggacgtct gttggacttg ctgtaccttt 240  
 gcctggctgc ctttgagtac aaggggaaaa aggcctttga acgcatcaac agcctcacat 300

<210> 890  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 890  
aattccgttg ctgtcggcag ggtgtcctag gctctgagtc tacagcaggg aaacaaggag 60  
cctgctctca tggagctcac aggtcctaaag gatgcagcca catcattgga cctttcagta 120  
ggttccctgt gctgttaaag ctcccgtgtg tgcacgtgat tcagggtcca acaattcctg 180  
gccaaagataa cagcacagag gccctggacc acctctgggt gttctgtaca gtgggcccctt 240  
gggggcctgg ctttcaccca ctggggtgca atataaaccc tcttcagatg ccagaaccaa 300

<210> 891  
<211> 259  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (259)  
<223> n = A,T,C or G

<400> 891  
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ccccaccca aaaagagaaa aatgaaaaac tcatagtttg gagccaggag gcaggggtgtc 120  
ctacagggct gcacagccct gaggggtcag tgctgggac tggttggttg gtttgccttt 180  
ttgtcttttt ttttttttn ncnctcctt nanngaaatt ngttttaanc cnccagngtn 240  
gncnttaaac caaaggga 259

<210> 892  
<211> 287  
<212> DNA  
<213> Homo sapiens

<400> 892  
aattccgttg ctgtcgcgca gaccatggca gccgcccagc gttcgtcttt cgacaacccc 60  
aggacgttct ccagacgtcc ccagcccag gcgagtcggc aagcaaaggc tacgaaaaga 120  
aaataccaag cgtccagtga ggctccccc gcgaaacgga ggaacgaaac ttcattttctc 180  
ccagccaaga aaactagtgt taaagaaact cagaggactt ttaaggggaa cgcacaaaaa 240  
atgttttctc caaagaagca ttcgggttagc acaagtata gaaacca 287

<210> 893  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 893  
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ctgggtcagt agtctcctgt gcctgagtga gggatategg gacctggggg ccctgccccg 120  
agcacctccc acccactgct agtgctggg ctttctgagt gttccaactt catagccgag 180  
agttggagga caaggctggg gcagggccga ggaacgatt gagtctgcc taagcctcgg 240  
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<210> 894  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 894  
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tccagtatac ctatcactgt tgaatgttcc ccccaacttc ccagtagttt ggttttttagc 120

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catttcatac caatttatac ttgtgctatg ataacttttc taaagtctaa aacctaaaca 180
aatagctggg ggtgatatta ctttatgttc ctgaggtgta gaaagctctt cagaatagct 240
tctgctcttt gtgagctcca tatggcagtc aaaattaatg aaattaaaaa acaccatgcc 300

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<210> 895
<211> 275
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (275)
<223> n = A,T,C or G

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<400> 895
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tctttttttt tttttctntn gnccaaaaaa aaattngtta nccancntt nnntgggaag 180
aagggnccnn gggnnccatt ttttnggggg ancngggnca aaaaggcttg gcnttaaagg 240
ancnttaang gtnaaaaanc ccattaaac caaac 275

```

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<210> 896
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 896
aattccgttg ctgtcgaaag acctctagac tgtgagctca gttatggaga acaaaaacag 60
cttcatagt agtagaacac cgaggataaa cactggggcc atgggtcctt tctgaggcag 120
cgccacagaa gatctttgtg gtccttcctg agttctgtaa gtctgtctcc taagtatggg 180
tagagaatat gtagcctgtt gtgtgtctcc cactacttgt aaacagagca tcacattagg 240
ggcagggagg aggtggaatg atatttgagg tgcttaacc tactcgagga attaattatg 300

```

```

<210> 897
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 897
aattccgttg ctgtcggcag tagggggagg tgtgaaagga cttctgcac agggcatagc 60
atatgtttct gagatcactg gaagaagcta gcagtgccag gagcctaaag ccagctcact 120
gtttggctgt ccagtggagc aggtacagct cacagtcctt aagccaggga aacctggctg 180
acttccacta aagtcaagca agcctggctg gcctcgatta gccaaagggt ggactcttcc 240
tccaaagccc acctcagccc acctctgcca gggcagagaa gccaaaatgg tcacattgca 300

```

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<210> 898
<211> 177
<212> DNA
<213> Homo sapiens

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<400> 898
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tggggacggg ggcagccac tgatgctagc agctgttacg gggcatttgg ctctggtgca 120
gctgttggtg gagaggcac cggtatgtga caagcaggac agcgtgcatg gctggac 177

```

```

<210> 899

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<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 899  
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 tggatggagc tagagagaca acaggaaaga cgggtgctgaa gaacatagtg tctttcctct 180  
 attgtggacc taaagagggtg gggaagcaag gacaagaggc aaagagccac actgcccttg 240  
 gcatcatcca aagcattgtc tggttgacac caggtcctgg ttttgtgtct tttgtcaata 300

<210> 900  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 900  
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 ccctccagcc cacagcccag gggaagaagc acacgtgcac tttccaagcc ccacggccca 180  
 aagtaggcca ctgttaatgt cacagacaga aatcatggcc aacactggaa gggggctttc 240  
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<210> 901  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 901  
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 gtgctttgcc taaaatgcc agttacctga aattgtataa attcttgcca aaagtgtttg 120  
 aacttaatac aaacttccca tctcttacct cttagcactg tgctcatctt gaggggacat 180  
 agtcccaatt ttgtatttta tataatactg ttagtgaata tgtgtagact tcatatgggt 240  
 gtgggtaaga gaatactgca ttcagataga aaagatgcta tatagctaag ttgatccagg 300

<210> 902  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 902  
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 tgtctcgaag tgggaagagt ctgttcttga acctgctctt gaaatcgtgc aaagtttcat 180  
 ccagggccac aagcctacag ccactccaat aaagatgcc aacaatgaag ctgagaacaa 240  
 gagaagttat cacctgtgtg acctctgtga tcgaatcatc attggggatc gcgaatgggc 300

<210> 903  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 903  
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 agcagttgca gatccctctc gtatagaatc tgaaatgtgg atgatgctgt tataaacagc 120  
 aaagttagcc atagcaacat aggcactggt aatactgtgg gtgggtctaa gggtaacact 180

gttcctgat cttactgtca tcatctgcaa tctaagtaat gcagataata atggtgcccc 240  
 ttggacttga cgccaatctc ttggtcctat tagaaccatg taggcagagc tattccaata 300

<210> 904  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 904  
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 ttaccatagc aactttcagt agtacttcaa agaagatagc tgtataaatg tcatcaaact 120  
 atactatgta gagaatctta agtgataacc aggggtcacgg attccaaaaca tgtcattata 180  
 aattgtttta tatggtgctc actggtgcat ttttcctttt ggataaggga aaacattatt 240  
 ccacttactg tttttgcttt aagcagcctg catatattgg ttagtttgtt cagatgttgt 300

<210> 905  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 905  
 aattccgttg ctgtcggaga agttgagtgg ttgggacagt ggtccccttc gtggtggaaa 60  
 gaacactgcc tcagataatg tgtggctttc ctctggtcag aggcccaaat gagtggacaa 120  
 gtactgtgat ttctcaagcc cctatgcagt gttagatgcc actatgaaat acgagccatt 180  
 gaaagagatc tcttcaactt attatttttt atcacgaacg tacatatcag ttattttatga 240  
 gatttttttt tttaaatatt tcattttttt tcacgacttt ttctgccatt gaatta 296

<210> 906  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 906  
 gtggtaatat ggggtgttca gtccccataa gatataatag ttcatgcagt ttatatatta 60  
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 tgaccagctg ttcaagccac ttcagtttga gtacaacata ccaacatgac actactcacc 180  
 cacaaaggac agcattggga tcaggttttc agatgacctc taagattttt cccattttatt 240  
 gtactcttgt tacaagtac tttttaacac atgcagtcaa tggtataaaa aactattctg 300

<210> 907  
 <211> 200  
 <212> DNA  
 <213> Homo sapiens

<400> 907  
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 taattttgaa cttggaatta ctgggtggga attccaggaa ccacagagta ttgatttttg 120  
 ctgccaaaat gctcttgaag cagatgtccc tgtgctcccc tggctgcttc tggctgaagg 180  
 ggggaggtgt gggaggtttt 200

<210> 908  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 908

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aattccggtg ctgtcgcttg tttttccaca cagtggagct gtaactgcac taagatggag      60
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tgtttatcca ttgaccagag aagggaaata attcatcaag tttagtttga aggtctcagg      180
atgttgaaat cagactttta catcttaatc cagtgagaat gaaaaatgaa ctacttatag      240
tgtctgcccc tgacaagtca tttctttgct tagggatgca aatcgtatca cacagtggtc      300

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<210> 909
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 909
aattccggtg ctgtcgaatc attaaggcat gaaccttcca ccaacctaac tgtcagaggt      60
gcctctcccc tctccaactc cagattcctt cccacatac ctggctattc agtatcttct      120
agcatttgct actcatttgt ccaagaacaa ggccctctac tcccctgcct ttttggttgt      180
tgttgttggt tttgacagag tcttgctctg ttgccaggc tggaatgcag tggcatgaac      240
acagctcact gtagcccaa ccttcaggc tcaagtgatc ctctacctc aacctcccta      300

```

```

<210> 910
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 910
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ataaatcatc tagcaacatt tacatttaat taggaaatct aacttgcttt taaaagttac      120
ccacgttgca tataaaaatc ttgctattcc ttgtgtcttg gctttacata agcacttttg      180
ctcatgtgac tttgcacttt gcacttattt taatcctctt taaagggcta caggcaaatt      240
ctactttgcc ataatcacac taaggcatgg aagaacaact tgcccagaat ctagcaggtt      300

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<210> 911
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 911
agaatacaag ccaaaacatg gcttcaaaag gtcagctgca tcttctactgg attacagaat      60
tcttgtgac tctcagaaga aattgttga gagaatagtc atacctactt taaaagagaa      120
taaatagcct ttcctaaatt cctctgcttc gtcctttcc tggcggtgct ctggaacctt      180
gttggtgtct gtgacccaat gactgttagg gtcagctagc ttcaattgcc cctgcactgg      240
aagcaagggt tgtcagtaac accaattaaa atactaccag tgtaagtaga aggtgtgttt      300

```

```

<210> 912
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 912
aattccggtg ctgtcgccat ggtaggaag aactgttcca catacacctg acattggagt      60
cagtttattg atatgtttgg agattggcct ttcaacagtt ttcataattg aagaattaga      120
aatgaagtcc gttcagatc tccaaagaac ctccagccac tgggtgggga cattcttaat      180
tcacattcct atcagttggt atctcctgtc cctgaagaca ctgataggc ttgggaggag      240
aatccacct ttccctgcag ggggttaggc tgggcagggc agggaggtga gggcgctggt      300

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<210> 913
<211> 300

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 913

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tatgcaatgt	cttttagagaa	ttttgtgcac	tggccactgt	gatggaacca	ttgggccagg	120
agtgccttga	gtttatcagt	agtgattctg	ccaaagtgtg	tgttgtaaca	tgagtatgta	180
aaatgtcaaa	aaaattagca	gaggctctagg	tctgcataac	agcagacagt	tttgtccgtg	240
tatttttag	ccttgaagtt	ctcagtgaca	agttttttct	gatgcgaagt	tctaattcca	300

&lt;210&gt; 914

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 914

aattccgttg	ctgtcgcttg	cctctgtgcg	gcgggctctc	tgccagctgc	agtgggacca	60
cgagcccagg	acaggtgtgc	ggcgtgggac	aggggtgctt	gtggagttca	gtgagctggc	120
cttccacctt	cgagcccgg	gggacctgac	cgctgaggag	aaggaccaga	tatgtgactt	180
cctctatggc	cgtgtgcagg	cccgggagcg	ccaggccctg	gcccgtctgc	gcagaacctt	240
ccaggccttt	cacagcgtag	ccttccccag	ctgcggggccc	tgctgggagc	agcaggatga	300

&lt;210&gt; 915

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 915

aattccgttg	ctgtcggctc	atcctgagaa	agatgagtta	atcctttttg	gagggtgaata	60
tttcaacggc	caaagaactt	ttttgtataa	cgagctctat	gtctacagta	cccgaaagga	120
cacctggacc	aaagttgaca	taccagctcc	acctccgagg	cgctgtgctc	accaggcggt	180
gataagtgcc	ctcaagggtg	cggacagctg	tggcnctttg	gaaggnggtt	ngcatctacc	240
aacngagagc	aaatntaatn	ctntgacggt	atgctncttc	cngttgccca	cttcctctg	299

&lt;210&gt; 916

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 916

aattccgttg	ctgtcggcag	tttcccgtaa	ttttcttget	tgctgttccc	ctacatttcc	60
tcctgatttc	ccaagactct	ctttgtggct	tttgagggtc	agccaaggag	caggcaagtg	120
agtgaacaat	cctcaggaaa	agaaggacca	ttttagctta	acacttcctt	ttttttttta	180
agaagaatat	aggtaaacag	gtaatgattc	ttgattggag	ataccatttg	actcttgatg	240
aaagttgtac	gaagatggaa	atgagggatg	attccaggcg	ttttaggggg	aaggctgca	299

&lt;210&gt; 917

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



&lt;400&gt; 917

ccaaagtaac	acaaatgctg	ccttcaaaat	gaaaaccagt	tttctgttta	ttcttgctaa	60
atgtttatgt	aatataaatg	tagtatgggt	tctggttgat	gttttgtgaa	aattatgttc	120
tgtttcatcc	agcgcaagta	tttacttgat	ctgatttctt	cttgatacag	gttaaattggg	180
ccagggaaaa	ctatcaccat	aacattggct	caccatattg	cttacggtta	gcttctgctg	240
atgtcaatgg	gaagatcatc	gtctgggatg	tagcagcagg	agtagctcag	tgtgagatcc	300

&lt;210&gt; 918

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 918

aattccggtg	ctgtcggaaa	taacttcgaa	gtcctcttcc	tttacaatat	ttgaattcat	60
atttgtacct	tctcaaaata	gtgattcatt	tttcttagaa	ttacaggagg	gagctctttt	120
actaatgttg	ttttgtttgc	aactttgatg	gcttataata	ggaagtattc	tagttgtaaa	180
gaaaactctt	tagagacttt	tgactgggtc	gtatactgag	gtgtgagatt	tgattcatga	240
tgaagaaagc	ctatagattg	ccaaaaaatt	aattctccaa	accacctttc	actctcagaa	300

&lt;210&gt; 919

&lt;211&gt; 206

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 919

gagaagatga	ccgagagact	cttgtcagcc	aatgcagggg	cacactctgt	gttaccaaga	60
actggctgtc	tgagataact	aaagaagagc	gggatctctg	gatgcaaaaa	ctcaatcaag	120
ttcttgttga	tattcgcttc	tggcaacctg	atgcttgcta	caaacctatt	ggaaagcctt	180
aaaccgggaa	atttccatgc	tatcta				206

&lt;210&gt; 920

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 920

aattccggtg	ctgtcggcgc	ggaggagaag	tggcgctcag	tccggccggg	cagtagagga	60
aattgcggta	gtgacctctg	ggcctcgcca	tgaagagccg	ctttagcacc	attgacctcc	120
gcgcgtact	cgcggagctg	aatgctagct	tgctaggaat	gagagtaaac	aatgtttatg	180
atgtggataa	taagacatac	cttattcgtc	ttcaaaaacc	ggacttttaa	gctacacttt	240
tacttgaatc	tggcatacga	attcatacaa	cagaatttga	gtggcctaag	aatatgatgc	300

&lt;210&gt; 921

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(294)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 921

aattccggtg	ctgtcgtgtg	gtttacacag	tagtttggtg	gtacaattat	tattagtggc	60
tttctaaaaa	atgaaacagt	gttaagcgaa	ctgttggtcc	tagctttgtg	ctccatgttg	120
tcaaagcatc	aacaatgaaa	attcgattag	gaaactttat	ttaaaatttt	aggcntnctn	180

tattcantcg tantnanngc cannccttaac ccattgnatg aaaatctang actgtnttga	240
agcaagcann catnacatct tntangnagg naatantcnt gcctttgcat aaaa	294

<210> 922  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 922	
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cacattattt ttctgaagca ccctgttgaa tgagaggaa acatacgtgc catcataggt	120
tgaaaaagt atcttttcag cataaattgg tgggtgtttg agagcattac ttgcacagtt	180
caacaataca gagctggaaa tgcataaaga ggacattccc tgctagtcaa cgaatacata	240
gatctgtagc tggaattag ttttaacttt caagtagtca agaaactttt atgtccaata	300

<210> 923  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 923	
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ggaacagctc cctcctcttt ccagagctg actggaaggt ctgtctcatt ctacacactg	120
catttggtac agaaaggac caagtgggga aaataaagaa catggaacag gctgagagag	180
agggcagctc cattcaaagg acctaggtgt atgccaaaa tgagaatgaa gattgaccag	240
cgacttcttt ggcagagacc tgggcaggct ggtgatgga gagctggggc ctgtgaatac	300

<210> 924  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 924	
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tgccatgatc gtcaagatga atgaagctgc tgaggaagac agacagttga acaatcaaaa	120
aaagccagca ctgaaaaaat taactttact gctgctgta gttatgcacc ttaagaagca	180
ggaccttaaa gaaacattca ttgacagtgg tgtgatgtct gccatcaaag aatggctctc	240
acctctacca gataggagtt tgcctgcact caagatccgg gaggagctgc tgaagatcct	300

<210> 925  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 925	
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catccgctat gaacaaaaat gtcctcttgg agtagacata tcaaaagaag ttggagaagc	120
ttccataaaa gtaccacaat taaaaatgga gatatgattt ctgctgttca aaaaagtccc	180
taaaggtct cactctctga cctcagctgg agtacagtag ccagatcaca actcactgca	240
accctgactt cctgaactca agaaatcctc ctgccttagc ctcttgaata gccgggacta	300

<210> 926  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 926  
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tggcccagaa cacagtatcc aagtcggctg tgctgacctt ttcatttcac ttcatttcac 180  
tatgttcttc tatgtttatt ttcacagagt ctcaccaag aaaaacaaat gtttacctg 240  
ctaccttttt cctcttccaa ataaaaatag ctttattgtg tcacatgggg gaaacgtaga 300

<210> 927  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 927  
ttttgcttgc attaccccaa agtttctttg tcacttactt cctgtgcaga agttgtctac 60  
ctattctaga ttatggaaat aactcagatg aggtagacaa cttctgcaca ggaagttgtc 120  
tacctattct agattatgga aataactcag atgagcttcg tcagcaagaa ggaagatgca 180  
tttaacattt tttcccaagg ctaaaactatg tactataagt tattcgaatt agataaaaac 240  
aggaaaaaaa tatatcacta tagaatgtct agaaaagtgg tttatgtttg ttcaactgtt 300

<210> 928  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 928  
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cctgccaact cccctcatgt aaatatctct acaaccttgt ctccacaagt tattaatgaa 120  
gtgtggcaag aagaaacaat tgggcgtcta ctacaacttg tagaccttc acttcttgac 180  
tccttactga aacagcaaga ggctgtacct aaaattcctc aacctaaagag gcagtcacc 240  
atggtaaca gcagtaacta tctggatcga gggattctca aggcttatag tgactctcag 300

<210> 929  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 929  
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tcttccggtt gggattattg tgaaggattt tgagacaatt ggacaaaata aattaattgg 120  
cacggcgact gtagccctga aggacctgac tggtgaccag agcagatccc tgccgtacaa 180  
gctgatctcc ctgctaaatg aaaaagggca agatactggg gccaccattg acttggtgat 240  
cggctatgat ccgccttctg ctccacatcc aaatgacctg agcggggcca gcgtgccagg 300

<210> 930  
<211> 259  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (259)  
<223> n = A,T,C or G

<400> 930  
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tttcattctt tctgtagga ttttgctaca aataactttg ggaatgnatn aagtggaatg 120

ntaantttnc agngngccnn anntntnntt tttntctcgt anttgngaatt cgnnttnntt 180  
 ntgttttttn nnttnncaat tttctttnta antncntngt gnntntnanc nnntgggttg 240  
 ggtntnanat tgnngttna 259

<210> 931  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 931  
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 gtagtttgt tagtttgcat taagcatgta taacattcaa gtatgtcatc caaataagag 120  
 gcataacat tgaattgttt ttaatctctt gacaagttga ctcttcgacc cccaccccca 180  
 cccaagacat ttaataagta aatagagaga gagagaagag ttaatgaaca tgaggtagtg 240  
 ttccactggc aggatgactt ttcaatagct caaatcaatt tcagtgcctt tatcacttga 300

<210> 932  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 932  
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 acttgagggt ttccatttgt tctatctaga tgtattttga gaaatctgaa acaaaagctt 180  
 gtttttttgt ttgtttgttt gttgtttgaa acagtcttgc tctgtcacc cgcctggagt 240  
 gcagtgggtgc gatcttggct cactgtaaac tcggcctccc agattcaagc gattctcttg 300

<210> 933  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 933  
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 attaggttac agtttaagca cccttcagta ttaatatata cggatttata taacaggtca 120  
 acaagtgtc tttgatgata aaacttgtaa tagagcaata attgtaaatg gttaccatac 180  
 tgtaagatat tttgataaaa attaactagt aatacttgta tttatttgaa acactgggct 240  
 gtttgcacag ctccaactgt gcatgctcaa aatgtgcact ttttaaatt gttactttta 300

<210> 934  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 934  
 aattccgttg ctgtcgagat ttggagttt gacttgaggg gtataccact ggacttttca 60  
 tcttcccttg ggattattgt gaaagatttt gagacaattg gacaaaataa attaatggc 120  
 acggcgactg tagccctgaa ggacctgact ggtgaccaga gcagatccct gccgtacaag 180  
 ctgatctccc tgctaaatga aaaagggcaa gatactgggg ccaccattga cttgggtgatc 240  
 ggctatgatc cgccttctgc tccacatcca aatgacctga gcgggcccag cgtgccaggc 300

<210> 935  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (291)  
 <223> n = A,T,C or G

<400> 935  
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 tgattttcaa aaagcacaaa taattggcag tcagagagaa aatggatggc cagtgggtgt 120  
 tgagtcagat tttgnnnnt nncacacann nataacaana nnttttaang atccngcncc 180  
 tacnngcttt cntactgcgg anacctgnnn acatcttact attccnnctc tncntncacc 240  
 gnngccgant acctacgnan nnnngtnatcn tncctgcgca tntttgaacc t 291

<210> 936  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 936  
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 actctgcttt tatctaattg tccccttttt tctctgtgtg ctttcctgaa gtagagagtg 120  
 attttgtata agtgtaggat aaaatgtttg agcagatgac aagaaagtct ccattctgag 180  
 tctctgttct ttccaaatta ttaaaactgca gggaatttgc ccatatccct gggcaggtaa 240  
 cactacacaa gagggagtgg gttgagcata ttatgtatat agatgtgaaa tacagctgga 300

<210> 937  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 937  
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 gcacccctct gactcactgg ctaactgcta ctttttgttc aaaaatcagc tgagagggca 180  
 actcatctgt gaattttttc ttgacttccc tctcccagg ctgggttagg tgccctcccta 240  
 tctctttttt tacttaaatt ttttttcttt attatttctt tatttttttg agatggagtt 300

<210> 938  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 938  
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 aatacttaag aaattgatag tttagacataa aaggatgtct ctcttgattt ctttaaatta 120  
 caatgtggac ctggtggtgg tagcatggac ctctttttgt ggattttcta aatctcttct 180  
 attttcctga gtattaaatt tatccagaaa agtggtttagt ttagcgtgtc caccttttaa 240  
 agatttctga catttaagtt aaatttcaat agtctggttc aaaagatctg ccttacggct 300

<210> 939  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 939  
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 aaatatgaat tcttccctga agccactcga agtgaagaag acttaaagaa ataccccaag 120

```
taccctctggg ggagagaaat ctatacttta gaaggtgttg tggatggagc tccatattcc 180
atgatttctg acttcccttg gctgaggtca ttacgagctg cagagcccaa cagcttcgct 240
cgatacgact ttgaagacga tgaagaaagc actatctatg ctcctagaag gaaaggacag 300
```

```
<210> 940
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 940
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ggaaccgcat cgactacgtc agctccgccc tccgtatcga ccacgccccg gaccttccgc 120
ggccagaggt gtgttttata ggcagaagca atgttgaaaa atcatctcta atcaaggctt 180
tatttttact ggcccctgag gttgaagtca gagtctccaa aaaaccagga cacacaaaga 240
aatgaattt tttcaaagtt ggaaaacatt ttacagtggg ggacatgcca ggttatggct 300
```

```
<210> 941
<211> 277
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G
```

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<400> 941
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gtgtatgtat cctctagatg tagacaataa tgtcccattt ctaagtcttt tccttttgct 120
tctccttaaa ttgattgtac ttncaaaatt gctgttangg naattntcta atacnnnnan 180
nanttagatn ctctantcga nctntntnnn ncnntnnctn tantntatac nntnatattn 240
tctnntaaan tncctntctc tntncnanta gcattctg 277
```

```
<210> 942
<211> 235
<212> DNA
<213> Homo sapiens
```

```
<400> 942
aattccgttg ctgtcgggga gaggatggaa aaggcaccat tacagaacag gtttctagcc 60
aaactttcta gatactactg gtgtcaaaga tgaaggcat gtgcagccat gtaagattag 120
cccaaggagc cagctcaaac catgcacatc cagggcccag cttggaattc atgttctgga 180
ggccttggtt gggaggcaga atctgtgaat tttaaaaaca ctttcatgaa tccaa 235
```

```
<210> 943
<211> 280
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G
```

```
<400> 943
aattccgttg ctgtcggagc aattggaagt gctaagtatt actatttcat gtggaagtct 60
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```

gaaaataact gcaccgaagt gttctgataa ataactaaat tgagctagtg agggggaaat      120
ttcagccgtc tagagagtgt ttctcttaaa tattttttct ctcaagtgga aaggagtgag      180
ggggagagcg aggatcacct angcctcncg cctgngcctc tgccngancn ngacncaacc      240
tccttcaacc cncgnnaacn naaggngag  caccttcccc      280

```

&lt;210&gt; 944

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 944

```

aattccgttg ctgtcgagac tgcagacatc catacctcac cacagaccaa agatgacctc      60
gtgtcagact gtgggctgat gagaggtaga gcagcatgca tcgaggcctg aggggtgcagg      120
gcgccctctc ttggcctgga ggaattgctc ctaactagag taagtttcca cgagggtccc      180
aggcagagct gcagagctgg aaccggaggc tccacagtcc ttgctgctc atggacctcc      240
ttcagagcac ctttctacag actggactgc ccagctccgt ggggtggcat ctggtttctg      300

```

&lt;210&gt; 945

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 945

```

aattccgttg ctgtcgattt aacttcaagt gtgctgcgag aaaacttcat aatagttcct      60
aagatgtgct aaaaagtaaa gtccaaaaag atcataaagt ctgtagagaa gttctaagag      120
tgcagtcagc tataaaaacc tagcaattta atttcttaga aaaatgtagc tggagttcaa      180
actgtagtaa caaaggcaag taaattaagt tgtgggcagg tgtaattaag ttaataggaa      240
tggcagggat gaatataaat cagaacagga ctaacagnnt gaaacattan atattcaaat      300

```

&lt;210&gt; 946

&lt;211&gt; 253

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(253)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 946

```

aattccgttg ctgtcggttt gttgaaatga atggacaaac tcttaggata aatcctaatt      60
tgttggcaac tgttatttga ttttagaagg caaactgatt ttatttttaga gaggggaagg      120
ngagggnagg ctcatancc tcttgaana angagganta ttntgnnna tgaataggtn      180
nncancttan gtantgacng nnnntacttn tnattatgna ntgngnnttg ncgtnnnna      240
gnnnntana cgt      253

```

&lt;210&gt; 947

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 947

aattccgttg	ctgtcgcgcc	cgggccccct	tcctgcccc	tcttcccgcc	agcccgctg	60
gagcaccagc	ctcgcgcgtc	cggaggaacc	ttggcttggc	gccccatcct	ggtagcctta	120
aacttcatag	cactttgttg	tttttcttaa	aactctgagc	ctgtgccccg	gcggatcacc	180
tgaggtcggg	agttcaagac	cagactgacc	aacatggtga	aaccccgctc	ctactaaaaa	240
tacaaaatta	gcccggcggtg	gtggcgcatg	cctgtgatcc	cagctacctg	ggaggctgag	300

&lt;210&gt; 948

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 948

cggtgggga	gatgaagcta	cactgtgagg	tggaggtgat	cagccggcac	ttgcccgcct	60
tggggcttag	gaaccggggc	aagggcgctc	gagccgtgtt	gagcctctgt	cagcagactt	120
ccaggagtca	gccgcccgtc	cgagccttcc	tgctcatctc	caccctgaag	gacaagcgcg	180
ggaccgccta	tgagctaagg	gagaacattg	agcaattctt	caccaaattt	gtagatgagg	240
ggaaagccac	tggtcggtta	aaggagcctc	ctgtggatat	ctgtctaagt	aagatggagt	300

&lt;210&gt; 949

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 949

ccctggtacc	ccctgcccgc	gccgatataa	tgctttttcg	ccccctggg	acctcggact	60
tggggcttccc	tttgacatg	accaacgggg	cagccttggc	agccaacagc	aatggcatcg	120
ccggcagcat	gcagccagag	gaggaggcag	ctcgggcggc	tggtgcagcc	attgcaggcc	180
aagcctcttt	gcctgtgtta	cctgggggtg	accgcttgcc	catgggggct	ggacccttat	240
cccccaact	ggtgactttc	ccattcccca	gtgtggcatc	cagtgccctc	ccctgactg	300

&lt;210&gt; 950

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 950

aattccgttg	ctgtcgagaa	atttgaaacc	agttgtcagt	tttcagggtgc	ccaggagcat	60
gacaatatgc	ccgagggacc	gtaacaggac	ttgacatgga	gctgggtcta	aagcagatga	120
cctggtggct	gcagcggtgt	ccacacaggc	gagcactgtg	aggccaaagg	actggtgttg	180
agcagaatga	aaaagcacag	tggttggttaa	tcctgaaaag	tgaagcctgc	aagaaatgaa	240
cttcgacctt	ggagtggggg	tgggacaggg	gctanaagga	anagaggctn	ggaagtg	297

&lt;210&gt; 951

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 951

aagcaacggg	tccctctagc	tttgtgttgc	agagactaaa	ttccaggagg	gtccagccaa	60
gaggtcaggg	actccctaca	cccaacttcc	actctagggtg	gaggctttac	cataggtatg	120



```
gcaggccaag acacagggcc ttgatcacc tctccatacc tcaactcaaga tggattttcc 180
atgccagaag taagccaaga acaccagagg ctattgtctc aactgagccc ataaagcagg 240
catgtaactc ccagagagtc aggccgcttt cctcactcct agctccagag tgtaatgccc 300
```

<210> 952  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```
<400> 952
aattccgttg ctgtcgcttt tcctttttta agaaggctgc taattggatt ttggtagttc 60
ttacctcaag aaaacttgaa ttatttgggg gaaagtaggc tcaaaagaga atatatttt 120
cacattcaca ttcagaacct agcaacctgg agtccaattt tcagtatttt aactacctca 180
ataatgctat gaatgtaaga tattgggata gagatcccaa cttgaaacaa cagccagtgc 240
ctgtggtaac ttaatgtctt gtcaaatact tttattgatt ggtttatatg ccattcttgt 300
```

<210> 953  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```
<400> 953
aattccgttg ctgtcgcttg tacagtattt ctacttttta ttctaataca ctggactgtt 60
gcattatttt tatgtagatt gctaacaagg tttttgaaga aacactctta aaagtcataa 120
aagggaaaat cttgacagtt ctgggatatt gccacccttg accttttggg gaaatgtaga 180
cagcatctcc caggcatgac gcttagggat cgtgtttatc tgatcatcagt tggtgactcc 240
atgtttattg agcactggct ataagccaga cttggtgagg gactgaaaca attacaagac 300
```

<210> 954  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```
<400> 954
aattccgttg ctgtcggaag aattgaaaga gcaagtcatt gaagtagaag aagatccgca 60
aaccataacc actgaggaga caatggaaga agacaagagc cagtcggatg tagattttca 120
gtcttgtgaa tcttgtacca acagtgatag agcagaaaat gaaaatggct ctagatgctt 180
ttctgaagat aataatgaaa caacaatgtt aattcaggat gatgaaaacc attcagaaat 240
gtcaaaggat tggcaaaaag agaagatgtg caataagatt aataaagtac attctgaagg 300
```

<210> 955  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (276)  
 <223> n = A,T,C or G

```
<400> 955
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gccagctgcg gggccctgcc ccaccttcag aggacactgt cctccgagta ctgcggcgctc 120
atccaggtcg tgtggggctg cgaccagggc cagcactaca ccatggatac cagctccagc 180
tgcaaggcct tcttgcctga cagtgcgctg gcagncaagn ggccatggna cnaananacg 240
gcgccacggg tgncccacac cgaggnnnga accctg 276
```

<210> 956  
 <211> 247  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(247)  
 <223> n = A,T,C or G

<400> 956  
 aattccgttg ctgtcgggtg acacctctga tgaggaaagc atccgggctc acgtgatggc 60  
 ctccccacat tccaagcgga gaggccgggc gtcttctgag agtcagggtc taggtgctgg 120  
 agtgcgcacg gaggccgatg tagaggagga ggccctgagg aggaagctgg aggagctgaa 180  
 cntganganng gngatcaggg gngcnnggnc gatgatgngg nagncnagtc tnnncngntn 240  
 ntccac 247

<210> 957  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 957  
 aattccgttg ctgtcgggtg gatacttaaa accatcaca gctgcccaag caatagaaaa 60  
 ctgtgatcga agtttttagag caatcttggc tgaacctaaa aataaagcat ctgaatcctc 120  
 tgaacaagat tattatagta atatgaggca agaagctttg ggacatgaac ctagagtaaa 180  
 tatgtttcca tttgaacaac aatctgaatt ttcaagtttt gacaagaatg atagccgagg 240  
 ccaggaagca atctccaaac gcttgtcagt tgtatcaaga gttcctttca ctgaagaaca 300

<210> 958  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 958  
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 gttggattct ttgtcgttca agtgaatgtt gactatttac aggtaaagaa ctctcttgctc 120  
 tttgtagata tcaggttatt tgaatcaagt aatatttgcc tatctattta tacattaata 180  
 tgttttaaaa gaaatttctc caagaagaac attcgtcatt cattatttgn ttgatgagat 240  
 gatacttaca tttttatngt gtantcatnn nanatctaata 280

<210> 959  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 959  
 aattccgttg ctgtcgaca ggactagcag tgagcaggca gatccctcag caccctgcct 60  
 tgcccacatc agcttgctgt cccctgaggc ctcaccctgc cggaatgaca tgaacactag 120  
 gactccccct gaaccctcag ccaagcagcg gtcaatgcgc tgttaccgaa aagcctgcag 180  
 gtcagccagc cctcaagcc agggctggca gggccgcca ggccgcaaca gccgttctgt 240

cagctctggg tccaaccgga ctagecgaagc atcttcctca tcctcatcat cgtcttcctc 300

<210> 960

<211> 300

<212> DNA

<213> Homo sapiens

<400> 960

aattccgttg ctgtcggaaa aggcaaattc ttagaatttt aaagggtttt ctctcaagta 60  
gttttaaaat ttcaaattgat ggtgttgat cccttccctt cagacctgga atcacatttt 120  
cccctcaaga cagaaagggc tctgcggcag gttgtgcctg ggaaggggct gcttctcatt 180  
tgtggccacc tctctgcca ggagctggtg aggaaggggtg aactagggga tgcctttcag 240  
aacaaaggag gtgaggagat gagccctcc acatctgcc caaatagaga cggcgctact 300

<210> 961

<211> 300

<212> DNA

<213> Homo sapiens

<400> 961

aattccgttg ctgtcggagc aggcattggtg gtgcatactt gtagtcccat ctacttggga 60  
tgctgaggca ggaagatcac cggagccagg actttgggat tgcaatgagc tatgatcatg 120  
ccgctgcact ccagcctggg caacagagca agaccctgtc tcaaaaataa acatagtatt 180  
agtacaatga aaagacaaat cgagaataga taatacaaaa atagccttat agtaaccaga 240  
cttactgatg aatgccacag acccgagta tgtcacatgg tttatcaggt gaattaataa 300

<210> 962

<211> 300

<212> DNA

<213> Homo sapiens

<400> 962

aattccgttg ctgtcgctt catggacctg ccagcctagt tggggagaag gactgggccc 60  
aataccagaa gctgatccaa agtggtcaga actggggaag gagacctgtg agctgaaagc 120  
aggtaaagga agtatccaga cagaggcact ggtaaaagac ctggagctgg gaagggtcta 180  
gggaccaggg acaggttgta ctgtaattct ggaaaccttg tgaggctcaa agaaaggggc 240  
agagagctca gtgggaaata gaaaaggcac ctgaacagtc cagggatggc tttcgactac 300

<210> 963

<211> 300

<212> DNA

<213> Homo sapiens

<400> 963

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tgagccccc ctcctccata tggacctgtt ttggaccaat gaggcattct cttctgtagt 180  
cctcaacacg cggagctcca cactcctga gcagtgtgac ctgaggtgct tgctgcagag 240  
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<210> 964

<211> 300

<212> DNA

<213> Homo sapiens

<400> 964

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tcttggcaaa	catagcctga	aatgattctt	aaagaactgg	cattgtttta	tcaaatattt	180
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&lt;210&gt; 965

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 965

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ggtagggagg	gtgagcctct	gaaataaggg	ttgggagtc	tgagtggtg	ccttggtccc	180
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&lt;210&gt; 966

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 966

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&lt;210&gt; 967

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 967

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&lt;210&gt; 968

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 968

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gacataaatg	ccagccgtgt	ctgttaacta	tttcaggtga	tattgtacta	aatctctgaa	240
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&lt;210&gt; 969

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 969

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&lt;210&gt; 970

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 970

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&lt;210&gt; 971

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 971

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&lt;210&gt; 972

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 972

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&lt;210&gt; 973

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 973

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<210> 974  
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 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(200)  
 <223> n = A,T,C or G

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<210> 975  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 975  
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 gtgtcaagag gtatgaacag gagcatgctg ctatccagga taagctcttc caggtggcaa 180  
 agagggaaaag agaggtgcc accaagcact ccaaggcatc cctgccacg ggcgaaggca 240  
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<210> 976  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 976  
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 agaaagggcc ggcagcccag atcccagccc caccctcct gccctgcatt caggcagagc 240  
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<210> 977  
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 <212> DNA  
 <213> Homo sapiens

<400> 977  
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 ccttctctca ttgctgtgct ctgctttaag gaaaacctga tatgacagaa tcaagactat 180

taaaagataa atgaggggaa atcttcattt aagaaagttg ccttgctccc caagagtgcc 240  
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<210> 978  
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 <212> DNA  
 <213> Homo sapiens

<400> 978  
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 ttccccaca tatctgagct tcagcatttt aaataagcaa caagtgggta tggtttattt 180  
 ttggaaccag cgtgaaggca gctgacacaa ctcatctggg ttgcctgggt cttgcagggg 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 979  
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 aatatacac tcctaataatc acagcctgtg atagcattcg gaatatccaa aagggtgggt 180  
 actttttaatg tcacatgggg tgcacacct ttgataatat tcgtaagatc ctagggacat 240  
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<210> 980  
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 <212> DNA  
 <213> Homo sapiens

<400> 980  
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<210> 981  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 981  
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 ggcccccatc accctttcca tcacctccc ctgccccagg ggcatactat caaatggcag 180  
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<210> 982  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 cctgggaccg gggcccagtt acccccccag ccccataacc ttggtcgtcc cccatcacca 180  
 acctcaccac ccccccgga gctgatggat gtgagcctgg tgggcggccc tgctgactgc 240  
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<210> 983  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 983  
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 caccacccgc tggcaccacc agcctctcac cagagcagac tgtcggcctc acatcacccc 240  
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<210> 984  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 984  
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 ttctaaacct gcgtgtatgt gaggatgaga gtgggaagca ctggtcgaag agtgtgatgg 180  
 acaaacagta cgagattctg tgtgtcagcc agtttaccct ccagtgtgtc ctgaaggga 240  
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<210> 985  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(296)  
 <223> n = A,T,C or G

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 tgctgtgtgg tatataaacc aggattagtc ccagggtcgt gaggtttctg gtgaaaagg 180  
 taaatcgtag aagctagtat attttttata tttttgtaac aattgctttt ttcattgggg 240  
 aggcggggta ngatattata gncctaacaa gtccagtaat tttttataaa tcttca 296

<210> 986  
 <211> 300  
 <212> DNA



<213> Homo sapiens

<400> 986

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gcctcatggg	gggtgctcctg	gtggcagtg	ctctctggcc	gcgggccctg	tctgtgtctc	180
cgtgggtggc	ctcacagggc	tctccagaca	ctccttgact	gcacccttca	gtcttgcccc	240
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<210> 987

<211> 300

<212> DNA

<213> Homo sapiens

<400> 987

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tgtcgaacta	ttaaggaata	tgttcttata	gcttttgact	agaatgagtc	atgggaattc	180
taagaaggga	tggcctagac	atttttagct	cagttaaatt	cagcatttaa	tgcagggtgag	240
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<210> 988

<211> 258

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (258)

<223> n = A,T,C or G

<400> 988

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atnanagnng	gnaatacttc	nnaganttct	tgtgngttat	tttnnnnana	nacnttcata	180
ttnanttttn	ttttnatntn	tatntnttat	tnnnatttna	nagnaatan	tattnngatn	240
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<210> 989

<211> 300

<212> DNA

<213> Homo sapiens

<400> 989

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ctgagatgaa	agcgggaagct	gtcattccca	ccagtgtctc	aggcgccagg	gcagcctcct	180
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<210> 990

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
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 <223> n = A,T,C or G

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 tgaaagagaa agtgtatcat ggaggatgct gatngnctgc ntcncacgtt tgtngnctag 240  
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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 991  
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 tccgcccact gtgacctga accccatgca ctgtgacctc cccccttctc ccccttccca 240  
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<210> 992  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 992  
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 actttggagt cagacagaca tgagtcagat aagagttcaa acccactgac tgccgtaaac 180  
 ttgggcaaga gatttaaccc tgtcagggcc tcagtgtact cattagtaaa ggtaataata 240  
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<210> 993  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(271)  
 <223> n = A,T,C or G

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 ttctttttgc tgggaaaaaa gccaaaaaaa aaaaccaaac tgcccacaag gaacttaaaa 180  
 tcatttatgg ggattngnat ncagttntn gncccanggg cgcggnatnn nngcnccccn 240  
 nnanntnccn gggnttangn ngtncccaag g 271

<210> 994  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 994

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gtaacctttt	gtttacccta	ttttgaatcc	taaaagaaaa	agttcagtta	tcatggccag	180
gcgcgatagt	tcaggcctgt	aatcctagcg	ctttgggagg	ccaaggcaga	cagatgacct	240
cgtgattggc	ccacctcagc	ctccc aaaagt	gctggtatta	cagatgtgag	ccaccgcacc	300

&lt;210&gt; 995

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 995

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catgctggct	ctattcataa	ctttgctctc	tggatcaata	ttctgaaagt	tggtagattc	180
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&lt;210&gt; 996

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 996

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tgatgggcaa	aatgcaaa	acttggaa	tgaagaaatg	gagcgtctta	tggatgatgg	180
gcttgaagat	gagagtggag	aagatggagg	tgaagatgcc	agtgcaattc	aaaggcctgg	240
attaatggct	tcagcttggt	ctttcatcac	caccttcttt	acttactaa	taccagaggg	300

&lt;210&gt; 997

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 997

ctagatttct	gggaaaacgt	gactcgggtt	cctctagaga	agcagtggca	gatgagagta	60
caaaggcaat	ggggagctgg	aggaaggcct	taagcagggg	cggcgcatg	gtaaggtttg	120
taggaggact	ggctgcagca	gaggcaggga	gaccagtgtg	gagtctgctc	agcagcccac	180
tgggaagggt	gtgatcgccg	tggatgatgag	cagttcttgg	tagctgcatg	tgaggagggg	240
gacaggctcag	gaactctagc	tcaggaaacc	ctgtggatgg	tggagggnaa	gatcagctctg	300

&lt;210&gt; 998

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 998

aattccggtg	ctgtcgcaat	tgaaaaacac	agaactgtac	ggaatttaaa	agtggaaata	60
tggcatctat	cttccttgca	ttccacgcag	gtgtcatcca	gccacaccct	cctctctgca	120

```

gctctctctg caagcactta acacctggca tgcaccttcc agacctttct tgtataaaca 180
tgcattgcac gttttgttgt tttctaacag gatcactata tgtgccattc taccacttgg 240
tttttttaat tcaacaaaat gccatgagta tccttttagtc tttttatgga cagccctagt 300

```

```

<210> 999
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 999
aattccgttg ctgtcggcgg agatgggtcac cagaattaaa ggctgggaga atactgaaga 60
gctcaagtct attgagaact tagaagaggc cattagttct ggccgagaga aaagcattca 120
ggatttttac aaagttttgg taaatcccag tgagcgcaaa gctagactgc agtagatcga 180
gaagtgaata gaaagtgaca aacacagacg gagtgaaaac aactctttca gtaagtccag 240
tggtggagga aagatagctt aaagaggagg taatagtaga gtcagaacct tcaacctggg 300

```

```

<210> 1000
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1000
aattccgttg ctgtcggatt ttctccctag agtgactttg ggtctgtcac aggacttgct 60
gctttcccaa gtataaaaaga acaactgtat tttagaaggg gctgggttaaa acaccaggaa 120
agtactgggt aaatataatc tttgtacttt agactgtgtt cttatcacat atcagcctga 180
taagaggcaa cagtttcaaa aaagtatttc acttttgtat ttctaggtgg aacagacaag 240
ttcttcatgt tgttggggta ggggcagtgg aggggtcaagn tcattatcaa acttttagat 300

```

```

<210> 1001
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1001
aattccgttg ctgtcggaga aaccaaacag gtaaaagcaa gtggtgaagc cacatggatt 60
aatgagatga tagaaagtac aaaatcacta tgtaagtcag attaaaaagc cagcttgac 120
tctctgcttt catctttttg aagcaataac tattacataa atcagtgaat acagtatttc 180
tacagtattt gaaacgggtg tcacacccag caattccact tctagacata tatccaagag 240
aatggaaaac atgtgcacac aggcacttgt acatgaatat ttatggaagc attattcaca 300

```

```

<210> 1002
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1002
aattccgttg ctgtcgggtt tcgccatggt ggccaggctg gtctcaaact cctggcctca 60
ggtgatccgg ccgcttttggc ctcccaaagt gctgggatta taggcatgaa ccaccacacc 120
tggccaaaag caggtcttta tttttaatgt ccaatttata tgcttaattt tgtctaaaaa 180
gatgatctta atgcatacat tagatgataa tttcctcttt gttccacttc atttcaacat 240
aattttttcc catatagtgt cttttaactt ttttaagag gggatatttg aatgagacta 300

```

<210> 1003  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1003  
 aattccgttg ctgtcgccaa agtgctggga tgacagggtg gagccattgc gtccggctgg 60  
 aatttcttat ggttcgtttc cttagggttaa agattcagaa gtaggatttt tgaattaaag 120  
 aaactaaata ctgtctatgg cgcttgatac atcttgccag gcagttatca gacagggttg 180  
 tactgggttg cgccacccca gaacgtgtgc aaggcctgtt tgtggaccct ccttggcctg 240  
 gctgtctagg tcatccacct gcgtgtgctc acagagcata tggatttttc cctgcggtgc 300

<210> 1004  
 <211> 234  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(234)  
 <223> n = A,T,C or G

<400> 1004  
 caacaacatg gtctctgtcc ctctctcttt gactctccct ttgtctctcc catagagctg 60  
 ggggtgggtg gatccctata cctggggcag gcagccccaa agtgggggag ggggatggca 120  
 gagactgtaa aggcgccact ggactctggc aaggccttta ttacctttac tcccctccct 180  
 ctcccatcac cagcctcaag gcctgagggg tgcaggggct cctggnagct actg 234

<210> 1005  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1005  
 aattccgttg ctgtcggcca ggtactatta gaaataagac aaaaatctct gcctccaaag 60  
 agctcccaga gctcttgga gtaagggttt ggagtggggc agacaaaagt acacaaacca 120  
 ttggaccacc tgagccaggg gctgtgatag aggcctggcg atagtgggct tggcaggaag 180  
 cacttgtggc catttgaggaa aggggcacat tgctgtaaga tgctgaatgg ccaatgcctg 240  
 gaataaggag ggtgtgcctg tggcaaagga atatcccagg tgctagggtc cagcccagaa 300

<210> 1006  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1006  
 aattccgttg ctgtcgatga atagtactca aagtgttttt gttgcactgt tactctgaat 60  
 atggactctc tatactctgt atggcgtgac tgcgcataac ttctgtaatg tatttcagtt 120  
 atntntnttt ccttntatng cenncttatg atnatgacac nctcncnng gatgnagata 180  
 tatggaacca tatnttataa naaccctggn cennntntnc ttctgacctt cagttcactt 240  
 tgtcgcctt ggagaaagct gttnttcttt aactaaaaat aacccaaaatg ctaaaaaaaaa 300

<210> 1007  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1007  
 aattccggtt ctgtcggata aataagatac tgatgttgta gatttctttt tgcaaagatt 60  
 atttctttac caaatttagc ttgtgactta tcttgagtt ataagacatt cctaacatgt 120  
 gactgttaaa gtcttgga tggtagtatg gtttctttat tacttttcat tatttctcat 180  
 gcaacaaaat agagcagagt ttattttaaa atgtgaaaag ttacactaat gaaattcatt 240  
 ttattagtgt tgaataaag gaagtaatta gagcatttct ataataaata agtaaccatc 300

<210> 1008  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1008  
 aattccggtt ctgtcggcag gggtcattcc acattaccag agcttggtcc agagaggcag 60  
 tgggaggctc cacaggcagg cttggagggt gcttggccct aatactaaat gttggacttc 120  
 atggcattaa cgaaggggaa tctctggagc cttttagtat gaagctaata tttttgtcca 180  
 tcacaggcaa cttcttgccct acactctttt acaatatggc atttatgaca tagccaagag 240  
 cgaagacacg ttgaacactg acttaatgct ttgagtaggt ggagagttga atgactcaag 300

<210> 1009  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1009  
 aattccggtt ctgtcgcttg tttttaatgg ctcaactgtc tgatgtaatt gagtgaaggt 60  
 ttgcactgag aaattagcat tcaggcctta ccccatgaa gtattactgt taacatatgt 120  
 tcggactgct tcccttcacc aatgtgaaca acttttttcc ccaaacagtg ttaaaagcca 180  
 ctttgcaaca cttgacttca tcttaatgta cattcactgt tgttacatac atatctaagt 240  
 aatcaaagt tttgggtgga agtgttgaga agtatgagtt ttttgttgtt tttgttttac 300

<210> 1010  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1010  
 ccgaaaggcc ttgtctgatg ccattaaaaa atggcaggag ctgtcaccag aaaccagtgg 60  
 aaaaagggaag aagagaaaac aaatgaacca gtattcttac attgatttca agtttgaaca 120  
 aggtgacata aaaatagaaa agaggatgtt ctttcttgaa aataagcgac gacattgtag 180  
 gtcctatgac cgacgtgctc tccttcagc tgtgcaacaa gagcaggagt tctatgagca 240  
 caaatcaaa gagatggcag agcatgaaga ctttttgctt gccctacaga tgaatgaaga 300

<210> 1011  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1011  
 aattccggtt ctgtcgcgga aatgtccgaa ggcagcagta cttgaccctg tattttggga 60  
 gtgcacgga gaatggaaac tgaaagtgga aatcaggaaa aggtaatgga agaagaaagc 120

```

actgaaaaga aaaaagaagt tgaaaaaaag aaacgggtcac gagttaaaca ggtgcttgca      180
gatattgcta agcaagtgga cttctggttt ggggatgcaa atcttcacaa ggatagattt      240
cttcgagaac agatagaaaa atctagagat ggatatgttg atatatcact acttggtgctt      300

```

```

<210> 1012
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1012
aattccggtg ctgtcgccca gagactggct ccagtgagc taagcccagc cgcgaccctt      60
ggatgtgcca gctgatttaa tactcatgat aaacccagta ggtcagtgcc agtattatga      120
gagaagtgag gcacagaatg tcacatccac ctcccaaag tcaacagcta ggagtgcacag      180
agccaggatt ctgccaggca ggttggcctc agaggccaca cttcttatcc caataataaa      240
agtgaacaag aacaggatga agttagagtg agagagcgag agtggttaaca ctcatgcaat      300

```

```

<210> 1013
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1013
aattccggtg ctgtcggttt catcttcttt gcccatgtac ttcactcagt ccataatgct      60
cacctctgcc tctgaaactg cccatcccct aagaccagc tcctttgtca cctccagtga      120
gaagcctccg ctgcttttct ttccctctct tggccccctg cagcacttcc tttgaacctc      180
tgttttggca cttaccatgt tgtttggtga gggctctggt tacttgctctg tttctttcac      240
tggtgctgac tcctgtagac aggggacttt gcagaacatg tggaggagag gagtccgtgg      300

```

```

<210> 1014
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (298)
<223> n = A,T,C or G

```

```

<400> 1014
aattccggtg ctgtcgagcg attagacctg tcataaagtt tgaaaaattg attctggagg      60
cgaagtgaat agattgagct tgacagtgtt gtcctaaaga ttctaaggga aaattctgta      120
gtttaatttg aaatcccttg attattcatt agctttccag atggcttttg ttgatgtttt      180
acatattaat gcctgtattg tgttattggt gtactcttaa tgtgcacata ggtaatgagc      240
anagaatana tacattggta agtgtcccan attaatggga tattancgta nttgcgaa      298

```

```

<210> 1015
<211> 278
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (278)
<223> n = A,T,C or G

```

```

<400> 1015

```

```

aattccgttg ctgtcggcctt actactaatc aaagaaacag attaaaacta cagtaagatg      60
tcattatttta atttattgat tgtggaaaga caaaagtacc agatgatacc agatgatgac      120
aaggggtaaa caggtacttt attttattta tttcttaaac attatctttt tttttttttg      180
naaanaccnn gccccccggg tggnnngnec ggnnnccant ntaanttggg ngnaccntnn      240
ccnccggggg nnaaggggnt ttncnncnt aaccccccc      278

```

```

<210> 1016
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (260)
<223> n = A,T,C or G

```

```

<400> 1016
aattccgttg ctgtcgggaa agtcgtggag ggtaagcaca gtcctgaaga cacaggatgg      60
aaaccccagg atgagaaggg agcagggaga gttccagaaa gggggatgaa ataggagtat      120
taaaaagctg cgttggccag ttnttcatgn ancnnntgnt gcnnnhangc gtatnttanc      180
cttgctntat antcttntnc tntnnnnntn cnnntnntan tntaactttt ttntntnnac      240
nnnnnnnnnn tncgntgnnt      260

```

```

<210> 1017
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1017
aattccgttg ctgtcggcaa gcatcaccgc tgtctaattc cagagcattt ctgtcacccc      60
aaaaaagaaac tccatgccta ttagcagtca ctcccagttc ttccttctct tttctcctac      120
ctcctttgac taagcctccc tcccctactc cctcctttcc ttccttctct ccttcttctc      180
tatcaatata atcactttgt ttcttttcagg tgagatcgga ctggaactgt tcggctgcga      240
ccagaaattt attttcctga gtaaatgcc gagaattaag aatgaagagg gccatttgca      300

```

```

<210> 1018
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1018
aattccgttg ctgtcgctag ttataaaagt gtaatttcta ctgtgtcata atcagccatg      60
cagctggaga cttgccctct ttgtacagca aagttgtgaa aaaaagtatt tgcaactacat      120
ttatttaaac attaggaaaa aaagccaacc catgcttttc tttgccgaga tgtagggctg      180
tattattggc tagtgagaag cctgggaaca ctaggacttt gtgtgggctg attgcaggta      240
tcagatccgg gattatacag gtactgttgg aagtatcttg gggattttcc tgataagaac      300

```

```

<210> 1019
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1019
aattccgttg ctgtcggaac tctttaagaa agctcaacag ggaaatgaag ctctagatga      60
aatctgtttt aaagtgtggg cctgtaatac agtccgtgat atactggaag gcagaacaat      120
tagtgttcaa ttaaccagc tatttcttag accaaataaa gagaaaatag actttcttct      180

```



tgaggatatgt tcaagatcag taaatttaga aaaagcttca gagtccttga aaggaaacat 240  
 ggctgctttt ctaaagaatg tgtgtctggg gttggaagat ctgcagtatg ttttcatgat 300

<210> 1020  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1020  
 aattccggtg ctgtcgggaa tacaataga tgacctgtta tctgtgtcag cttttgatac 60  
 tatctgccct tcacgtcttt attcttagat tgtcatctgt ggggtgaaaa ccttaagttt 120  
 ctaccatag aaataagccc accatatttc agaaaacatg gtgggtcata ggaaagcact 180  
 cagatgggac aacctagtgt gatttggtac aaaatgagcc agatgtggga aaaggcaaat 240  
 taatatgatt atgaaaagta agaatgatgg agctgggtgc ggtggctcag cctcccgaga 300

<210> 1021  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1021  
 aattccggtg ctgtcgattg attttagtgg tattggagaa aattaaataa ttaggaggca 60  
 tgtttaaaga catctacaaa gcacctaata taatttggag tgagtctttg ggatggcttc 120  
 ccaattctga gtccaagat taaacaggcc aatcttgggc cgggcaaatg ggctcatgct 180  
 tgtaatccca gcacgtcggg aggccaaggt ggggtgatca cctgagggtca ggagtttgag 240  
 accagcctga ccaacatggt gaaaccccat ttctacaaaa attacaaaaa aatttagcct 300

<210> 1022  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1022  
 aattccggtg ctgtcgggtg ggtttcaatg agagaatgag tgtaaaatgc ttcgtacaat 60  
 tactgccact tatgtctcaa taactgctgg ctttggcat taataaaaga gggaaacaac 120  
 attatcagat ctgtatttag aaggagtctt ggcagatagg gacagatttg tgccaaaatc 180  
 tcaagacagt atttttcaag attacactga aacttagtac atatttatat tatcatacat 240  
 ttttaaaaag gtcaagatga ttatagttag aaccacatag ttcttttttt aagaaagtca 300

<210> 1023  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1023  
 aattccggtg ctgtcggatt tgtactatta agagagaaaa aatatgccac acaactaaac 60  
 ataggttgaa attatgaaga aatttagaat agaggtttat tagatttagg gaacactaag 120  
 aacaaaaaag gaaggagtga tacctgcctg agtggacagc tgtaaatcag ctgtaattac 180  
 tgcagttgta ccaatagtgt tgagtggctc cagtcacttt aggagtcctt ggaagtactt 240  
 ggtacacatt tgttggctgt accttaaagg aagtggcaag tccagtttgt tctctctacc 300

<210> 1024  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

## &lt;400&gt; 1024

aattccggtg	ctgtcgataa	ctttttactc	atattcattgt	ccctatatata	gtattaagag	60
cattttgtat	aaaacttcat	gtgaggatct	caattcttta	taattctctt	caaagcaagg	120
aagtatatat	agagagacct	ttatttttta	gtaatttttt	caaatgggtt	gggagatctt	180
attctagccc	aattctattc	tggcacttaa	ttattttctg	gtggcttgta	atatggtaaa	240
tactggattc	cagattgcat	tcctatttcc	ttgggaggtg	aggatactcc	catttgtaca	300

## &lt;210&gt; 1025

## &lt;211&gt; 300

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;400&gt; 1025

cgcgcggttc	agagctgggc	gctgcagctg	cactgccgat	cgccgtgttt	ggtcgataga	60
atccccagtg	tgcccagaga	gtgcgacccc	tcgcccggcc	cggcgagccc	cgggcgtgaa	120
ccgaactgag	ggaggatggc	agcctctggg	gtggagaaga	gcagcaagaa	gaagaccgag	180
aagaaacttg	ctgctcgga	agaagctaaa	ttgttgccgg	gtttcatggg	cgatcatgaat	240
aacatgcgga	aacagaaaac	gttgtgtgac	gtgacccca	tggtccagga	aagaaagata	300

## &lt;210&gt; 1026

## &lt;211&gt; 300

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;400&gt; 1026

aattccggtg	ctgtcggtta	ccaccgcctc	ctgggtgtctg	agtttttagca	gagcttttgc	60
cctctgagga	ccccaccca	gcttcagat	atgaagggtg	cggtgctgtt	ccctgggagg	120
gacccctgaa	tagatggacg	ggagggactc	tggagccaag	ggctcccgca	acgtcactgt	180
gtggatggga	accctgagat	ccagggttgg	ccagggatga	ccacaggcat	cattcacacc	240
actccttcac	cgcaggcctg	cctgggggtca	gtggcgccag	ccccaccag	cccctggact	300

## &lt;210&gt; 1027

## &lt;211&gt; 300

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;400&gt; 1027

aattccggtg	ctgtcggtta	cttcaccatc	ccagacaatt	ctcgttactc	ccgtaacata	60
cattgcttaa	taaggttcat	gcttgaacca	gatccggaac	atagacctga	tatatattcaa	120
gtgtcatatt	ttgcatttaa	atttgccaaa	aaggattgtc	cagtctccaa	catcaataat	180
tcttctattc	cttcagctct	tcctgaaccg	atgactgcta	gtgaagcagc	tgctaggaaa	240
agccaaataa	aagccagaat	aacagatacc	attggaccaa	cagaaacctc	aattgcacca	300

## &lt;210&gt; 1028

## &lt;211&gt; 300

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;400&gt; 1028

aattccggtg	ctgtcggttc	atatgcagac	aaagcacctt	caagatcttt	gaatgaactt	60
aaacaatacg	gatttttctc	ttatttgaga	gaattatttg	atgcacctga	tcctgtaatg	120
agttaccttt	gctgtcagta	tcataattcat	gaagttcctg	taggaactga	aaagaccaga	180
gaaagaattg	aacgggtaat	acaagaaacc	cgattaaaac	agatttatac	agcagaagaa	240
aagtatgtgg	tgaaaacttc	tttttattca	aacaaagtta	tttctagtaa	cacatctcta	300

## &lt;210&gt; 1029

<211> 257  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(257)  
 <223> n = A,T,C or G

<400> 1029  
 aattccggtg ctgtcgataa tttctctgaa agtctttagt gacaaagcca aatatagtat 60  
 tcttgatttt tacgtcttca ctctttaccc ccttttatac tggtttcttc tcagattaac 120  
 atcttatatt cnatgaagnn gangganatn tattnctggc tttannnnnt ntacnnccnn 180  
 nngancnnct ntgtnnccnn tnnnanancn cnngtncnna tttttnnntn ctgctgaann 240  
 nccantcttc nctntta 257

<210> 1030  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1030  
 ataatactaa aatatttact ttagtgtttc ttgacattca aaaatgtcat tggatttgta 60  
 attcaggtat catatttgaa aatgagtctt ttaaaagata acataaatat ctttattttg 120  
 acacacaagg tcaagactag aaatgtgttc ctgggtactt tcagcctact tggtttaatc 180  
 aaattgcttt tgaatatgaa tgtcctaatt taattctttg gacctttgag gggaggacac 240  
 tatcacttct acatatgtag agaagtaaaa gtctcataga tccatcttgc tttaaaaata 300

<210> 1031  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1031  
 aattccggtg ctgtcgattc ctctatattt aattttgaaa acctaaaaga aggattgtgc 60  
 atcttgagag aaagttgagc aaattgtgat ctaccggaat gttaatttgt gctgcttctt 120  
 gtgcacgata gcagcagtag tatctctctt ggaaataaac atcccatatt atgatgtcta 180  
 tgaatatagg tttccttttc ttccctccct cctccttcc cccaccttcc tctttttttt 240  
 ttctctctca gcttctcttt tcctccttcc ctcttccctt cctctttctt tacttttttt 300

<210> 1032  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1032  
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 ggccctagct tcgcgagggt gcctgtcgca ccagcagca gcagcgccgg ccgagggggc 180  
 gccgagccga ggccgcttcc gctttcctac aggcttctgg acggggaggc agccctcccg 240  
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<210> 1033  
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 <212> DNA  
 <213> Homo sapiens

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actttgtgcc aggcagtctc tagccacttc acatctcact taagttttta ttagagtctt 180  
aatgaagtgt gctctctccg acctatgccc attactcaaa tgctgcgggt ctatttcttt 240  
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<210> 1034  
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<212> DNA  
<213> Homo sapiens

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tgaagcacaa tgggaaggct ccattagcac tttagatggg atcataactt tggaaaaacc 180  
atttcacat gcgagtattt aaaaaaactg aagctgtccc tgtcagggtt tgacagagct 240  
tagctatata ggtagtaagt gacgcagtgc caaaaccagt cttaaattac ctatgttgtc 300

<210> 1035  
<211> 274  
<212> DNA  
<213> Homo sapiens

<400> 1035  
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gcacacctgg gggcaagttt tagatgagct tctttcctcc atttcacctg gtggtctgag 180  
gacacacaga gggtaggggt gagcaggcag tgtgggtggg aggggctacc tccccagac 240  
cccttacaaa ctctgtacct ctcggtgcgc ggca 274

<210> 1036  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
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<223> n = A,T,C or G

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tgggtgaatg ccacctgctg atgtctgatt tattcatcgg ttttcttgtc tgtagtctgt 180  
cccccttggg gacagggact cgttgtctat gttcaccggg caggctggac acttcgtgga 240  
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<210> 1037  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
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&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1037

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aacaagttac	ctaccacatt	tcactttagt	gtacctattt	acagaaagat	taaactgcca	180
cctgctggga	cattcccata	aatgtgnact	ttacttttaa	aagaacatgc	cacgattttg	240
tctttctgtg	gactcaacat	tcacttcgat	taaaaatagc	aatttgacca	agttggactt	300

&lt;210&gt; 1038

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1038

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tgtttttgaa	aaagtaatgt	atgcatgtat	tgtatccatc	agaatcctag	aaggacacag	180
agaatgctct	taaactgggg	agtttctgga	gagtttaata	aagatgtggg	ctgggcgcgg	240
tggctcacac	ctataatccc	agcactttgg	gaggccgagg	cgggcagatc	acttgagctc	300

&lt;210&gt; 1039

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1039

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acaggcaatt	aagactgaca	tgaaagatca	gtcacattga	taggatatac	tcttgatatg	180
atataatgag	aatggcagtt	taccgctgtg	gttttctttt	cccaaaaccc	ataaccacag	240
cctaaccatg	agaaagacat	caaacaaatc	ccaatttggg	acattctgta	gaatacctaa	300

&lt;210&gt; 1040

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1040

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tgcatattta	aggtacattg	gcatttttgg	ggtaggaaaa	atgttgccct	aagaaaatta	180
aatagtgatt	tgtagctttt	agaatgtttt	taatgaaatg	atagccagta	acaaaattat	240
ttgtaagaaa	tgctttttatt	aacactgtaa	gtcttcaata	ctaaattgta	tgtatgtttg	300

&lt;210&gt; 1041

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1041

aattccgttg	ctgtcgggtg	ttttaaacac	cacttttgag	atgctaaaaa	ttcagtccca	60
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tctagtctta	cccatgaaaa	ctttaataat	ggtagatata	taaaacatga	gttaattacc	180
cccaaatgt	ttcagttttt	tcattgttat	attgccaaaa	accattctgg	ctatatatat	240
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<210> 1042  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (295)  
 <223> n = A,T,C or G

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 aaaaaaaant nctgggacan accanggacc cntgngttcn catgtcntgg ggnccagttt 180  
 ttaactgggg aancgnggn nggcntggaa aaggaggcag tgnccngac tgtgctgttt 240  
 tccgaagccc cntgcctgct gcctgttcct cggtcctcgg ggctggactg gcgtt 295

<210> 1043  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1043  
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 ccgcagatgc acaggcccca ggtgcaggcc accacctccg ggtcggcacc aggactgccc 180  
 tcggtgctca tagggaatgg ctgggcccac ggaagggtcgg cctgggatgt ggccctgggac 240  
 tgctgtctctg ctggctgctg tgtggatgct tttcctggag cactttccaa ggcaccccc 300

<210> 1044  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1044  
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 atttgaaactc ctgaggagtg ttatatgaat aaaattagta agttatttgg aggaaagtta 180  
 ttttttaaaa agacaactgg taaaacagta caggagaaaag gccagcttcc tcaagtgagg 240  
 acagttgttt agaattgact gaggagcggc cgggtgcgga ggctcacatc tgtaatccca 300

<210> 1045  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1045  
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 cggcccagct gcagcgagcg ctggacggag aggaaatcta ttgtttagat tatccaatga 180  
 gaattttata tgaccttcat tcctaagttc agactctaaa ggatgatgtt aatattcttc 240  
 ttgataaagc aagattggaa aatcaagaag gcattgattt catacaggca acaaaagtac 300

<210> 1046  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1046

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gcattgcgtg	ggggatgtag	ctcaaaaaag	aaataagatg	gagtggaaaag	gaaagaaagg	180
aagaagcagg	aattcaaggt	gggtgggctg	agcttggggc	cacctagccc	acctgctcca	240
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&lt;210&gt; 1047

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1047

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ggggcagcct	tggcagccaa	cagcaatggc	atcgccggca	gcatgcagcc	agaggaggag	180
gcagctcggg	cggctggtgc	agccattgca	ggccaagcct	ctttgctgt	gttacctggg	240
gtggaccgct	tgcccatggt	ggctggaccc	ctatccccc	aactgctgac	ttccccattc	300

&lt;210&gt; 1048

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1048

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tgtaccagcc	cagccggggt	gcggcccggc	gtctcggccc	ttgcctgcgc	gcctaccagg	120
ctcgacccca	ggaccagctt	tatccaggga	ctctaccatt	cccacccctt	tggcccccact	180
ccacgacaac	cacttcccc	tcttctctc	tattctggtc	tcccctgccc	cacgccttcc	240
caccacagct	cttccccagg	ttccccact	acctctccct	cagatccagg	ccctcagctc	300

&lt;210&gt; 1049

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1049

aacaaaacca	aaaagatgcc	cctttttttg	tagggataag	aaatacattt	gttttatact	60
tctatgctat	attttgctat	tcaaaattta	gtgggcatta	cttaacattg	tttctaatta	120
ttttgtggct	gctgtatggt	ttatgtgttg	ggagcccat	gtattaggcc	gttcttggat	180
tgctataaag	aaatacctga	gactgggtaa	tttggttttt	tgggtttttg	gggttttttt	240
tgagacggag	ccttgctctg	tcgcccaggc	tggagtgcag	tggcgcgac	tcggctctat	300

&lt;210&gt; 1050

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1050

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caataatgat	aggttagtgt	taatgattaa	atcaataaat	gagagtaaac	tcctggagta	180
gtgactgaca	catggcatgt	aataaacatt	tttctttcta	cgaggtattg	atatttatta	240
acctcttaaa	agcaatttgg	actccctttg	tctcttattg	tcctgtgaca	gttaccatga	300

<210> 1051  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1051  
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 gatcatggca gtgtctcaga aggctgagtg tctgccttaa gtttacgttg tcaacgcagt 180  
 ttagagggtg aacatgtctg tggacatagt tgaactgggt ttttgaagat gtaattacca 240  
 attacatca tggccaaatt ggaattatta tttttaattg gaattattat ttttaaaaaa 300

<210> 1052  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1052  
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 actcagcctg aatgacagag ggacaccctg tctcaaaaaa aaagtcagtt tctcacttgg 180  
 actaactact ttttaactgt taatagctgg tggctgccat actggacagc ccaagactag 240  
 aggctcaatg ggctgttctc cactctctgt ccaagggaac cttcctttat gtgctttttg 300

<210> 1053  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1053  
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 attttgtgtt tcacctatta atttatccct ccccttagcc cctggcaaac actgatctgt 180  
 ttactgtctc catagttttg cttttcccag aatgtcacac ccttggaatc atacagcatg 240  
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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1054  
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 gtaaaaggcca tggataggtg ctcgcaagca tgaaagccct tggggaagat ggtgtccaac 180  
 tttgggttgg ggcccggtggg aggctgaaca aaacctagcc attggggagc tgggtgaagt 240  
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<210> 1055  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1055  
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 tgaaaaaatt tgaaattgtg aataaaatgc ttttaaacat tttatcaagc attacaaaag 120



tagagaatag tataatgaag caacaccaag cttcaacat tgatacatgg ccagtctttt	180
ttaatctata cccatccctc ttcagtcatc ccccttccac cctaaattat tttgaggcaa	240
tatctctaaa agatgaggac atttttaaaa acaaatataa ttttattatc ataaataaaa	300

&lt;210&gt; 1056

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1056

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acagtggagt catccagggg ctgccacatg acaggcacgg tgggcaccga tccacagtgg	120
gccccgcctt cccagctcg cctccctgcc tgtgctggcc tggccttgcc tgctggcacc	180
attggagtag gagggggtgg aacacagggg gcccatcctg atcaggcccc atctcaagg	240
tggcactcct gcccatcacc cttagaagga tcttttccca tggcttgact tccttcattt	300

&lt;210&gt; 1057

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1057

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aatcagtttg gggcctagac ttaaaaggga gcacgtggtt aggaaatctc attagctgac	120
aatttaactc cactctaata ctcgtccaaa gagcccgac aaagacttcc tctcctttcc	180
ctttgcagtt ctttctcctt gctcctctct tctccctccc cctctaaac cagaaaggaa	240
aagcagcgtt gggcctgtct ccttccccc agattcctgc agttctagtg tgccgactga	300

&lt;210&gt; 1058

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1058

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tggtgttctt ttcactccct gaaattagga gtagtagaca tatttgtgtc ttccacagac	180
gatacagact ttaagatgta gaagctcatg gttttataga tgaagggatt tggaaactctt	240
cccttcaggg tcaatgtact tgattgtctg aattaaactt gggtcccaag ttaataactc	300

&lt;210&gt; 1059

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1059

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tggttatatt tactttttaa aaagaaaaag cggctgagcc accacgcccc gcctcacatt	120
tttattttaa aaacctctcc aggtgggagc cgggtggctca cgcctataat cccagctgtt	180
agggaggcag aggtgggagg acagctcgag cccaggagtt ccagatcttc tgctgggca	240
atataatata gcatgaccct gttctaaaaa aaaaaatctc tgaaaaagat gattcaaaaa	300

&lt;210&gt; 1060

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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atacatttct ggaaagcaag aaggaataga aatcctaacc aggccaataa tgagtagtga      180
tattgaatca gtgatttaaa aaatcttcca ataagaaaaa gccaggaccg aatggagtca      240
tagccaaatc ctaccaaaca tataaggag aactaatacc aatcctcctg aaattgtgcc      300

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<210> 1061
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1061
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caggttccca ggatcataga gaatcattaa gctgaagcaa acaacaaaac aaacaaaagg      180
caaactagaa gaaaagcagg attcaatggg ttctgcacct tcttagtcta tcattgcttt      240
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<210> 1062
<211> 285
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

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ggggtggggg ggggtgtgtn gtntgnntct ntnnttcttc tttaantget cttatcnncn      180
tannccatgn atnannnctn ctnnnnnnngn tcatctntnc nntctannga tttcntttgt      240
nannaacttt nnatcgnttg tcnntatgann ntnnntgttc tatct      285

```

```

<210> 1063
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1063
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cctagctggt gctttggtct ggccactccc agcccccttg tccccttgga agcttgccct      180
gccctcatct tgcccatgcc ttctactgcc aggagacttg caccatttcc aaccctaggg      240
cgggggcaag tggggcaagg atggaccagc agaagggggg taaggctctg ttcacttccc      300

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```

<210> 1064
<211> 290
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(290)

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<223> n = A,T,C or G

<400> 1064

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taattcaaac	tggtttaana	tganaaggat	ttatngnttc	atgtaactag	aangatnnta	180
ncnngngttt	gnttcngnnn	aagantnnng	ccnccggng	aattaccntn	tananccnna	240
ngganttnng	ntttaaannt	ngtgtnnnt	nagggtntg	nattaaaaaa		290

<210> 1065

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1065

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agaagagcgg	cggtttgg	agatccctcg	ggagtctgtc	cggctgctcg	cagaggacgt	180
gtgctatcgt	ctgagagagg	ccacgcagaa	tagctctcag	ttcatgaagc	acaccaaacg	240
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<210> 1066

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1066

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ccatatgggc	ttagcgtctg	ggtcactgag	aacgacgtct	gaatagggcc	ctgggtcctt	120
gccatggatg	aatgtggttc	ccgcacccgc	cggcggtgtg	ctctcccca	aaggaaaccg	180
ccaagcttgg	ggtgtatatt	tggcgctccc	accgtggctg	agctcgagcc	cggagatgag	240
gggaaagagg	aggaggaaat	ggtggctgat	gaacaggagc	tggaaaaccg	cggcgctact	300

<210> 1067

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1067

aattccggtg	ctgtcgcaga	acacctaggt	cctagcataa	gccccacctc	ctccaggaag	60
ccacctgact	ccctccagca	acagctctgc	actttacctt	tgtattctct	cctttctgac	120
tatggctcagc	agacttctaa	gacggccccc	aaagattgcc	acctggtatt	catgtgctcg	180
tggttatctcc	tcctcttgaa	tgagctggac	ctagtgactt	ctagtgcaca	gaaatgtggt	240
gaaagtgatg	ggataacaat	ttccagatta	agttataata	gacactgtgg	gctgggtgctg	300

<210> 1068

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1068

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aattccgttg ctgtcggatc ttggagagtt tctcccaggc tccttgtgaa ctgctccgct      60
gggtgtgggag aagccaaagg ggcaaaagctc aagacgggtg ctccttggtg agggcagtta      120
cattggcata agttgtctag cataacttgt catgccgacc ccttttcaag atagcagctt      180
cattcactga taatgtggca gtgttccct tcatcagtgg aagacatggg atgtgttcta      240
ggggaattta tagtacttga catgtatgag ggaaattcta ctatcaatta agtacaagag      300

```

&lt;210&gt; 1069

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1069

```

aattccgttg ctgtcgggct gtacaaaagg tagacataat agtgagaagc cacctgagcc      60
agtcaaacct gaagtcaaga ctactgagaa gaaggagcta tgtgaattaa aacccaaatt      120
tcaggaacac atcattcaag cccctaagcc agtagaagca ataaaaagac caagcccaga      180
tgaaccaatg acaaatttgg aattaaaaat atctgcctcc ctaaaacaag cacttgataa      240
acttaactg tcatcagga atgaagaaaa taagaaagaa gaagacaatg atgaaattaa      300

```

&lt;210&gt; 1070

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1070

```

aattccgttg ctgtcgacac tacacacaca tacacacaac acatacacac acacatacac      60
acacatacac atacatacac acatacacac acacatacac atacacacat atacacgctc      120
acagacacat gagtgaatct acatggaata tcccttgaat aaaatgcaag caattgggta      180
tagtgattgc cactggggca ggggaactagg aacttgatag taaggcttgg cagaaaaatt      240
actccttatc atacacagtt tttggtattg tttgagattt ttaaaatacc atacatgtat      300

```

&lt;210&gt; 1071

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1071

```

acttcgattg aattcccga gctgtcgatt tagttatttg aagagagggt ctcatttctc      60
agaaaagata tgagaaaccc aaatagaaaa ttattagaga tctttgagac actctattta      120
cattctggac ctaatctttt tgaattgtct tatatgagtg agtactttgt ggcagaagat      180
ctagacattt taataaaaaca ttttaataca aatatctaga tatttttagat acatatttaa      240
gtatctaaaa ttcagacagc caggggtggt ggccgtatac ctgtattcct agctacttgg      300

```

&lt;210&gt; 1072

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1072

```

aattccgttg ctgtcgccgt tgctgtcgga acattcttcc ctggaaccag tgctccacat      60
ctttcttttc ctctgagagc tgcagctggc agggacctcc ctctgctgct cctccagcaa      120
gccacagagc ataccctcac gtgacaagag tgtggtaggt tttctcccca cttctcacac      180
acgcctggtg gttgtgggtc catctgcctt gttggcttgc ccggggggat tcaacacttg      240
actttcaaat caaagaatgc taatgcttag cacttgctgt tgagcatgct ctaactttta      300

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&lt;210&gt; 1073

&lt;211&gt; 252

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 1073  
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 acaactcact gtacacttga gaataatacc tacagagggt catactgaag agtagtctca 180  
 ataatgtaaa gaatttgaca agcatgatgc tattgaaata gttctgtcng aagnggtggt 240  
 nnttttctnt tt 252

<210> 1074  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1074  
 aattccgttg ctgtcggttc ttgctgctgc tcaggtagaa catctgggag gtcccttgct 60  
 gaccactgga agaagatgag ctcgagctat tggagtgaga cgagcagcag cagctgtgga 120  
 acccagcagc tcccagaggt gctgcagtgc cagccccagc attaccactg ctaccatcag 180  
 tcaagccaag cccagcagcc tccagaaaaa aatgtagtgt atgagcgagt gaggacctac 240  
 agtgggcccc tgaacaaggt ggtgcaggcc ttggacccct tcaactcacg ggaagtgtc 300

<210> 1075  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1075  
 aattccgttg ctgtcggaag gagcaaaaat ccagcaacaa ttggccaaaa tacataataa 60  
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 gctcagagaa atgatggaag aaattgaaaa tgcaattaac actttttaaag aagagcagag 180  
 atatgaagag ctaattaaag aagagaagac aactaataat gaggttgagt ccatatcaag 240  
 aaaaattgac acatgggctt tgggtaattc agaaacagag aaagctttca gagcaatctc 300

<210> 1076  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<400> 1076  
 aattccgttg ctgtcggaag atataagttt ataatactgc tatttttgat tcccttgctt 60  
 aagaaaaatt aggtatgaat aaaaatttaa ttggaactga tatcacttcc cttaccattc 120  
 acatgttaac taattgataa gataaaaatg tgtgtagta gaatagacta gatcgtatgc 180  
 ctttttagat gaaaattata gaagatattt agtcatagta actacaaagg caaaataaat 240  
 atcacagcaa aaccagtaat aggaatgctt gcagactttt ttttttttg g 291

<210> 1077  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1077

aattccgttg	ctgtcgggaa	gataggcaat	gccatttttt	tcaaattgtac	acatacacac	60
acacaataag	aaatgtattt	aataatacat	tttacccttat	tttcaaggct	tatcatgaca	120
gtaactattc	tttaaataat	aagaaggagg	aaggtaatat	tatgaattac	taccaccaac	180
agaaaataat	gctgttgatt	accattaaa	atggtacagt	agtatcattg	tctgttgac	240
atatagatca	gtttttttct	tctaaatgct	atttcaactc	tctattatta	acatatatat	300

&lt;210&gt; 1078

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1078

aatgggtatt	gtcttagtct	gtttgtgcta	ctgtaaaaaa	tatctgagac	cgggtaattt	60
ataaagagta	aatttctttt	tcacagttct	ggaggatggg	aggttcacga	tcaagatgct	120
gccaggttcg	gtgtctggtc	agggccaggc	ttctgttcc	aggatggcac	cttgcattgct	180
gtctgttcac	atggtggaag	ggcaaaaagg	gggcctagct	tgctttctgc	aggcctctta	240
taagagcact	caaccatttg	tgatggcaga	gcctgtgtgg	cctcatcacc	ttccaaagcc	300

&lt;210&gt; 1079

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1079

aattccgttg	ctgtcggaaa	ctccctggag	cgacgcagcg	tccggatgaa	gcggccttcc	60
tcggtcaagt	cgctgcgctc	cgagcgtctg	atccgtacct	cgctggacct	ggagttagac	120
ctgcaggcga	caagaacctg	gcacagccaa	ttgacccagg	agatctcggg	gctgaaggag	180
ctcaaggagc	agctggaaca	agccaagagc	cacggggaga	aggagctgcc	acagtgggtg	240
cgtgaggacg	agcgtttccg	cctgctgctg	aggatgctgg	agaagcggca	gatggaccga	300

&lt;210&gt; 1080

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1080

aattccgttg	ctgtcggtaa	acttaaggca	taaacttctg	aaaattagtt	atgtataatt	60
ttattcaatc	taatgtacat	tttaaataatg	gataattgat	agttttttct	acaaataaaa	120
atgtactata	tatttagtta	cataaatact	gttcattaac	tttgaattga	gaaaatggat	180
accatttgca	ttgctattgt	ggctttaatt	ctgtgggttc	agatggctat	taaaattaca	240
tcttttaatt	gtgtttattt	ttaaagttga	aaagtgatca	ttatcctcct	gttcattttg	300

&lt;210&gt; 1081

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1081

aattccgttg	ctgtcgggat	tattatgcta	ctttattaat	gtttattggt	attctttaga	60
aagtaaatta	ttgtaggctt	ataaaattaa	gaaatctagt	ttttagtaac	ataatcattt	120
gtccctttta	aatttttaaa	cactctaaat	ctgaacataa	tagctaactt	aaaataagta	180
gcatttggat	tacattattt	ttgcagataa	ctgattatct	gtgtgaaatg	atttagtatt	240
ataaatgttt	tgtgataaag	tttatggtaa	agattgatta	tagttacctc	atttttatct	300

&lt;210&gt; 1082

&lt;400&gt; 1086

aattccggtg	ctgtcggcca	actgttttat	gtacttgaga	agcagggtgtt	aacttcctca	60
gttacaaatg	agaaaaccca	ggcttaaggg	gattgactca	tttgccaata	gtcatgcagt	120
taattgcgtt	tgttttgcca	cacagccact	gttctttaca	tagcaatttg	gtatatagag	180
aaaatatggt	gccatggtca	agggcacgac	tttgaggatg	gactgtctgg	cttcaaaaat	240
ctgatttcca	tcccttactt	attatgtaac	tttggccaaa	ttactgaatg	tcttaaccct	300

&lt;210&gt; 1087

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1087

aattccggtg	ctgtcgcaga	gacttgctga	aggattaaaa	ggattttctc	ttttggaaaa	60
gcttgactga	tttcacactt	atctatagta	tgctttttgt	gggtgcctgc	tgaatttaaa	120
tattttatgtg	tttttcctgt	taggttgatt	ttttttggaa	tcaatatgca	atgttaaaaa	180
cttttttaat	gtaatcattt	gcattggtta	ggaattcaga	attccgcgcg	ctctattact	240
ggtcaagtac	atctttttctc	ttaaaattat	ttagcctcca	ttattacaaa	aaattataaa	300

&lt;210&gt; 1088

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(282)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1088

aattccggtg	ctgtcggctg	gagtaaacgg	tgatcgagtt	actgcactcc	agcctgggtg	60
acaagagtga	gactctgtct	ccaaaaaaaa	aaaaancngn	atngccnggn	tttactcngg	120
ncncannntg	cagncnagt	tntgcngctn	tgctgttngt	tcngntttcn	tccannnatn	180
ggcntcacn	tttggnncca	aaanggctgn	tgcnttccag	gcttnanntc	canactcaaa	240
cccanaaaa	ctgcccaccc	ntacctgggn	gaccttttgt	ag		282

&lt;210&gt; 1089

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1089

aattccggtg	ctgtcgcttc	tctgccccta	aatttggata	tccatttcga	gatttagaat	60
ccaaacgctt	ttattggaga	accattaaat	taagaataaa	gttctaaatc	agtttctcca	120
attagttcta	ttatattcta	tagtatatat	actgtaattt	tgcatcccca	cgtgtgtcct	180
aataaagata	cctatagctg	aacagtttgt	agcatggaat	aaataaaaa	caaatgattc	240
gtgttataaa	atactaacad	cctttgtaaa	aacacaaaaa	tcttgtaact	atatatatat	300

&lt;210&gt; 1090

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1090

aattccggtg	ctgtcgcttc	aaacctaaaa	atcaagttat	ttccitttat	aatacttttc	60
ttccccatgg	aacaaatggg	atcaatttgt	gagttttttc	ctttaatgat	aactaaaaatc	120

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1082  
 aattccgttg ctgtcgctgg aattttcttt actcctgtat ctgatgtctg ggctgcgatg 60  
 actcaaaggc tgatttcagc tgagactgta gaccacgtgc ctacttgtgg cctccccctt 120  
 tgccttgggt ttctcacaga atgtggctgg ttctggagaa tgagacttcc aatgaaatca 180  
 ggtggaaatg acatctcgcc gctttcagca tgctctattg gttggaacag ttatggactt 240  
 agctagattc aaaggaaggg aacaaagacc cctcctctc agagagtggg gcataatgag 300

<210> 1083  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1083  
 aattccgttg ctgtcgggac aaaaccacag caagctgtca ggtttctgag tgaactgctt 60  
 acttttccat aattgataga taatacagcc atgtctttaa gagaactctt acagagttaa 120  
 ttattatata tggcaatatt aatagagaaa aatatttcat gtgattttta gagaacttaa 180  
 gcatttgctt taaatgtttc ttaagcccta gaaatatagc tataatttca ttatttatcc 240  
 tctcttaaac agatgattcc ctggtaaaga gaagaaaaac actgtataaa gtacagctgt 300

<210> 1084  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1084  
 aattccgttg ctgtcggaag gaaatcattt aaatgtacta tatgtggcac aggctgtatc 60  
 gagacctacc aaatcactag acatcgaaac attcatcttt ggtgaaacca cacaaatgga 120  
 ttgtgtgtgc caaggccaac aagtcaaaat atgttgaacc taatgatatg atgtgtataa 180  
 aggggtgcaag gacacgtgga aatgatctgt aatattcggg ttattaaaaa tgtaattggc 240  
 tgggagcagt ggctcacacc tgtaatccta gcactttggg aggttgaggc aggtggatca 300

<210> 1085  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1085  
 aattccgttg ctgtcgggag agacaacgag aggaagaaag gagaaaagac atagaaagac 60  
 gagaggcagc aaaacaggaa cttgaacgac aacgtcgctt agaatgggag agaattcggc 120  
 gacaggagct tctcaatcaa aagaatagag aacaagaaga aattgtcagg ttaaaactcta 180  
 aaaagaagaa tcttcatctt gagttggaag cactgaatgg caaacatcag cagatctcag 240  
 gcagacttca ggatgtccga ctcaaaaagc aaactcanaa gactgactgg aag 293

<210> 1086  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



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cctctaattt ctcatattatg cttttgtctt ttttatgaaa tatttctttt aaaagcccca 180
ggctttcacct acgaaatatg aagagcaaaa gctgattttg cttacttgct aaactgttgg 240
gaaagctctg tagagcatgg ttccagtgg gccaagattg aaatttgata ctaaaaaggc 300

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<210> 1091
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1091
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ggagaaggag gagctggagc tgctgaagga ggatgtgcag gactacagcg aggacttgca 120
ggagatcaag aaggaacttt caaagactgg tgaagaaaaa tacgtggaag aatctaaagc 180
cagcaagaga ttgacaaaaa ggggtgcagca aatgatcggg cagatcgatg gcttgatctc 240
gcagctggag atggaccagc aggctggcaa gctggccccg gccaacggca tgcccacggg 300

```

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<210> 1092
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1092
aattccgttg ctgtcgggtt ttttaagaagt cggtaaactt aatatttact agatatttgt 60
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ttggattaca tagtgacata tattagcttt cgtccacat ttgataacat tgctaatatt 180
ttcttttttt ttactgaagc tctttgaatt taaagttttc tctcatttaa atttattaat 240
taaaaacata cttttactct gttcccttta gcatttcaac ctgatgttaa aagatgtgta 300

```

```

<210> 1093
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1093
aattccgttg ctgtcgcatt aaagtcacta agaataacca ttttttccag tatatatgga 60
atatacacca aaaaagacct tatcctggac catagataca ttttaacaaa ttcccaaaga 120
tttatatttt cagagactgt tttctgaata ataataataa attagaagta aaaaaaattg 180
gaaaattcct aattatttgg aacttaaaca tcatgtttgt aaatatccct gagtgaaaat 240
aggtctaaca aaaaatctac taaaataagt ctaataaata aatttagaac atattttgaa 300

```

```

<210> 1094
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1094
ggcacaattt gaagcccaac ctgagattct aagtcccata tattagtttt tggtaacaat 60
catcagtaaa ggagaatatt ttaaaaacct ataaaggagt ccttgacaat actatctaaa 120
tctttttata cattgataat ttataatat accctgtata tattaggtaa atgcctgtag 180
gtctccaaag acctagaatt gagaatcaga gggtaaacat ccaaacaaat cccctagatg 240
tgggaaaata aggaagtatt cttatttcgt cgtcatttat attgaggtga atcatgatgg 300

```

```

<210> 1095
<211> 300
<212> DNA
<213> Homo sapiens

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&lt;400&gt; 1095

```

aattccgttg ctgtcgacaca gctcttggtc tccagacctg atgaggaaaa tataagttcc      60
tatttacagc tcatagacaa gtgtctaatt catgaggcat ttacagagac acagaaaaaa      120
agattgttgt catggaaaca gcagggtgcag aagctctttc ggtctttccc tcggaaaacc      180
cttctagaca tatcaggata tcgacagcaa agaaatcgag gctttgggca atccaactcc      240
ctccccgacgg ctggctctgt gggcggtggc atgggcagac ggaacccgcg ccagtaccag      300

```

&lt;210&gt; 1096

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1096

```

aattccgttg ctgtcgggaa attcagttac ataaataaat tacccaagtt acatacctat      60
atactgatag atttcaagtc atgttccaga aatcatgttt ctaactagta tgctacactg      120
cctgtctcga aaaaaaaaaa atagtaacta tgctctacac tacgcagtcc acttactatc      180
ccagttcctt attctccttt gctgcaaaat gtcttgaaag agttatttat gctgtgtgct      240
tgcagttaag ccatttcagg gggatggagg gcgcacaacc ttatttgaag tgggttgagg      300

```

&lt;210&gt; 1097

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1097

```

aattccgttg ctgtcgacaca gtttaaaaaa gaaattagtt tctcctaatt tgcacattaa      60
aagtagtaaa aatggccaat tttgttaaatt cttgatcctt gactacattt ttgtgtgtgt      120
gcattttttc cttgtaaaaa taatccatgg gagggcatgg tggctcatgc ctgtaatccc      180
agcacttttg gaggccgagg gaggtgggtg gatcacctga ggtcaggagt ttgagaccag      240
cctagccaac atggtggaac cccgtctcta ctaaaaatac aaaaattagc cggcagtggt      300

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&lt;210&gt; 1098

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(270)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1098

```

aattccgttg ctgtcgcttc ccttccttcc ccttccatct ttctttccac atgtcctttc      60
cttattggct cttttacetc ctacttttct cactccctat cagggatatt ttgggggggg      120
atggttaaagg gaanccncnn canannccct ggaactnngt tntnncngnc tcncncaann      180
ggnnccntng cnaccnngt acntcnaccc tannaanncn ntacagtnga aancaaccnn      240
nnccnennan cncccnncn cncnncnana                                     270

```

&lt;210&gt; 1099

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1099

```

aattccgttg ctgtcgctca ttccaaggct atgcatatgg atgtcacatt cccatgtcaa      60
tcatctctgg aaggtattat tcgcccagtt ttttaagcat gggaaactga ggcttagagt      120

```

cttaaaaaat aagtagctgg cagtcctctca gcaaataatg atgggtgctgc actacagacc	180
cagatctgtg actccaaagt cagcctttgt tcttttcttc ttgttacttt taattggaaa	240
aaaattttaaa ttgcaaaaag ttgtagagtg ataaaaacaa aaatccacga atgctcttct	300

&lt;210&gt; 1100

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1100

aattccgttg ctgtcgcaga ataagcctat caaacatagg tcaaattggtt aaataaagaa	60
tgaaagcgta aaagccatag aagaattttt ctgttgtctt ggagtagaga gaccttccta	120
agtttgacac aaatcccaga agctataaca taaaagactg atacatttga caacatcaaa	180
atgagatcca cttcataaga gtaacactgt aaacaaagtc aaaagatata tgataatctg	240
agaaaaataa tttggaaaaa atatgataaa aggagttaat tttcttaata tactaagagc	300

&lt;210&gt; 1101

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1101

aattccgttg ctgtcgtcct cctttatgag aaaagaatag accctgatag atgaagctat	60
aaagtcttat aacatatctt cattgaacgt gtgatttttt ttaaagtata aatagcatat	120
tcatatTTTT gcaaattgct tgttttcagt acgcagcgtt ttgagagctg tgtatgttaa	180
tgcaagtgac tcccgaacag tgggtttgaa ttgctcaggc ccacttatac ctagctttta	240
ttcaaccaaa cacataatgg ccagcatata tgaggagcta acttttcata tgtgtggtct	300

&lt;210&gt; 1102

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1102

aattccgttg ctgtcgcaca aaacaaacaa aaaccctga ttcttgagaga tectgattcc	60
atagggtgtg tctctgcaag caattttatc tggaattgaa gaccactggt gttctgggac	120
aaagggtttt aaacagacag ggggtccaaat tctggctcta ccacttattg aggtgtataa	180
atttgaggaa gttactaaat gctctgaact tcagttttct ctggaaaatg ggataattat	240
gtctagcttg tgtggctatt gttaggatga aatgagatac aagtatgtag agtacctagc	300

&lt;210&gt; 1103

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1103

aattccgttg ctgtcgcttg tttgcaatag ctatcttccc actctcactt gaaccactc	60
caaccaggcc tcccacatct catgaacctg atcttgtcag agtcacaagg acctccacga	120
tctccacatt gctaaccaaa tgggtcaatgt tcagttctca tcttattcag ctcacacga	180
gtccataact tctcttctct tgatgcatac tcttcaccta gcttccaaaa cctatacttc	240
tcttggtttt tctctgcctt accagtaatg ccttactggt ctggttctg gctccttctc	300

&lt;210&gt; 1104

&lt;211&gt; 282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(282)  
 <223> n = A,T,C or G

<400> 1104  
 aattccggtg ctgtcgcata ccagctccta agccctatta agaagaggcc tggctcctcta 60  
 atgccttggt tccatttcag ttgttctttg agagacagaa tgatgtacta accattcgtg 120  
 attattagag atagggatgg gtcagggctn agntanntgn cngncttntt gtggntgggt 180  
 ggnncttga ncnnatctna gngctgtntg tgnnngtactn nnntnggtgg ttaatntatc 240  
 catgctgcna nggctgtcan ggantngnta agcgaatttc ta 282

<210> 1105  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1105  
 aattccggtg ctgtcgctca gggcacagca ggcagtgtgt tagccttggt ctcccttgcc 60  
 ctccaagtcc cacagggcaa tactggcagg cccaggaaag tgttacacac tgcagggttg 120  
 catgacggct aaggaaccac aatcttaggg agatactatc tctgtcttct aaggccattt 180  
 gctgtacaaa aatccttgaa atacctgggc acagtggcac acctataatc ctgaccttt 240  
 gggaggctga ggcaggcgga tcacctgagg ttgggagttc cagaccagcc tgaccaacat 300

<210> 1106  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1106  
 cctaacttcg aaaccgcta cttgttcttt ttgcaggatc ccatcgactg ggagcccggc 60  
 tcaactcccg aggcctctgc ctgcggctga cctgatcccc aagggactgt cctttcctct 120  
 cctacccccc cccactccca gacagagcag aagtattttt ataagcagag aattttttat 180  
 gtcttaccag atagagttgc aggggaagggg gggcctgctg gggagtgggg tttggggggc 240  
 cctctcccag gacactgcct cttctgggca gaaggcccct ccaggggggac tgctccaaca 300

<210> 1107  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1107  
 aattccggtg ctgtcggtcg attcatatct gtaggattaa taaatgggtc tgttatatcc 60  
 gttttactga tggtgaaatg aaggaccaga gagagtaagt ggcctttcca aggettccaca 120  
 gcaagcttgt ggaagaaacc accaagaaac cagctcttga gacttccagc atttgttcca 180  
 gttcctctgc aagggaacc cccattccct gctctctctt ttccccctcc tcacaggcag 240  
 caggtatgtg cacagacagg cctggagctg ggctagggta ggagtcccct gtgaggctcc 300

<210> 1108  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1108  
 aattccggtg ctgtcggaag gagagttaaa agtcaataag cattacaaaa attgccattt 60  
 tgacatcagc aaatcaaatt tctctatcta attaaaggaa aaccctttct cttatttctc 120

ttctcttttc ctcttctctt cctctctctc tatttcccct ctccttatcc ctttgtctcc	180
ctcttctgct ctttctctac ttcctcttct tctttttttg atatatttct atcatatatt	240
ttcagaaata attcagtggc atctcatgta gatgtaccac tttcttattg caactcagag	300

<210> 1109  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1109	
aattccgttg ctgtcgcaac ccttactcct ccggccaagg agccaatgtg agcattcagc	60
tggcagctaa gaatgtgtat cccaataaac agggcagacc tacagaccca ctggaccac	120
tagagatgga cttgggccac agtgccttcc atgacttcag taaacagagg ggtgtggtga	180
tcttgtcaaa gtcttggcgt caatgtcagt gtccggctac acaccatgtt cccgtctctg	240
aaaagcctct ctgtaccctt ctatgttggg gacacaaccc tggcaaatgg ccacagactc	300

<210> 1110  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 1110	
aattccgttg ctgtcgggca gaagctgtgt cctcagtact ccgtgatgac gagtgagcct	60
ctgtgaaatg gacaggtggg aaaacagcta cctgctggcc tgcccaggca cccgccacgg	120
gcccacgtg ctcagcttct caatgtgaga ctgtccacac ctgagagggt tgctaaagg	180
gcagggttagg tggactgacc ccaggacctc cctgacccc aaccaggcca gcggaagcct	240
gccacctct atgtgcggac cacaccagc attggcctag ggggcggatt gt	292

<210> 1111  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1111	
aattccgttg ctgtcgctaa tttgtggtac gatattgctt attgtgactt tggcatgtat	60
ttttgctagc aaaatgctgt aagatttata ccattgatct tttttgctat atttgatac	120
agtacagtaa gcacaattgg cactgtacat ctaaaaatat tacagtagaa tctgagtgt	180
atatgtgtaa ccaaaatgag aaagaataca agaaatgtt ctggagctag ttatgtctca	240
caattttgta gaatcttaca gcattcttga taaacttctc agtgaaaatg ttggctaggc	300

<210> 1112  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1112	
aattccgttg ctgtcgctaa aaaaaaattt taattagctg ggtgtggtgg cacatgccta	60
tgggtcccagc tacttgggag gctgaggtgg gaggatcact ggagcccga agttcaagcc	120
cacagtgatc catgattgca ccactgccct ccaggcctgg gcaacagagt gagaccctgt	180
ctctaaaaaa gaagaaatga ttgaaatcat atttttcagg ctggacttcc aataaagtag	240
cccttaaaaag gatcattctt aaaatattag ccatatacaa tggtcataat aaatgtatgt	300

<210> 1113  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1113

aattccggtg ctgtcgcata tcagtaaaga agtaaacaag aataaaatac atgctaaaat	60
gtcatacact ctttttggtc taacattttg atttggcaga gccaatacc acctatacta	120
caactttctt atgccagcac aagaatgcta tattcaaaat gctttccatg tattaccttc	180
ttttatcctc agatatcctt ggcagatagt agggcagata ttacctcat cttattgaag	240
aatattctgg gtataaggaa gtcaataaac ttgtcaacag ttacaagggt atgaggtaaa	300

&lt;210&gt; 1114

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1114

accattgaat acccgctact tgttcttttt gcaggatccc atcgatctga aagcggggcag	60
cactgtcatt catagccaaa cagtcctatt gagaggctct ggactatcag gccagctgtc	120
agaccactcc atgcactggg tgtgctctgt tggtcaggga ctgggaggga aactacctct	180
ccttccctta accaagcatg aattatggtt gttagcaaac ctctctggga atatatgtca	240
agccacatcc ctctggggc agctgcaact tcagggtctc acaataaaca gttctgaaaa	300

&lt;210&gt; 1115

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1115

ggcacacatg gccaccatg cagggccaca caaagaagca ccgggggttg tcaggaggcc	60
gagggaaact ttattgtcga ttccaagaga aagaatgggt gagagagagt agtatgaata	120
agtgtagtgg gatctgggag ggaggagctg tccctaatta tctggtgtct gcccggggat	180
tggttaagtc aggggacagg gaccaggaca tgagagcctg aaggacctgg ttggggtgtg	240
agcttttaggt gcgttgcttt gcatacgaag ggtacctgga agatgagttg tttgtctct	300

&lt;210&gt; 1116

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (291)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1116

catgccgatg ctgtccatgg gtgccaagca agccagtttt ttggttccct gagggaaact	60
gacctcctc tcttgtggca ccatccagcc tcagggtctt ggagacttga gtaagaatgt	120
gagtggaggg ggagngnatn tcttaagggg gnggacccca annccctgag gaacatgcnc	180
ttngnnaaga agncaanann nagggccttn anangangca tgcnanantg ccnagggtcat	240
gantgcnant gccgangtat gangnacntt ntnanacnnt gnnaggaggc a	291

&lt;210&gt; 1117

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1117

actctagaat acaagctact tgttcttttt gcaggatccc atcgacagat cctggtaccc	60
cctgcccgcg ccgatataat gctttttcgc cccctggga cctcggactt gggttccct	120

```

ttggacatga ccaacggggc agccttggca gccaacagca atggcatcgc cggcagcatg 180
cagccagagg aggaggcagc tcggggcgct ggtgcagcca ttgcaggcca agcctctttg 240
cctgtgttac ctgggggtga ccgcttgccc atggtggctg gaccctatcc ccccaactgc 300

```

```

<210> 1118
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1118
aattccgttg ctgtcgttca ttgcaccaa gcaatacctc tatgtggctg acctggcacg 60
gaaggacaag cgtgttctgc ggaaaaagta ccagatctac ttctggaaca ttgccaccat 120
tgctgtcttc tatgcccttc ctgtgggtga gctgggtgac acctaccaga cgggtggtgaa 180
tgtcacaggg aatcaggaca tctgtacta caacttctc tgcgcccacc cactgggcaa 240
tctcagcgcc ttcaacaaca tcctcagcaa cctgggggtac atcctgctgg ggctgctttt 300

```

```

<210> 1119
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (297)
<223> n = A,T,C or G

```

```

<400> 1119
aattccgttg ctgtcgttca attgttctct cttcaagttc actgattctt tttttcttcc 60
tgtctagatc tgcctttcag tctctctagt ggatttttaa tttcatttat tgtacttttc 120
ggcttcagaa tttttgtgtg tatcctttta ggttttcatt ctctgtgttt ctcttactct 180
gttgcttttt tttttttttt ttggggggccn nnnttngngg nnaaggngga ncnaaancnc 240
ngggnnnaaa nnanncnnc nnnccaantt ncnggggaac ngggancnga attggcc 297

```

```

<210> 1120
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1120
aattccgttg ctgtcgcctt gaatatgtaa aaatacctat catatcagtg taatactatc 60
ttaacaatcc taaaaaccag gaaagaaaag caaaatacag ccaaatacat gtcaagaatt 120
cttggaagg ctgggtgcag tggctcctgc ctgtattctc agcattctgg gattacactt 180
gagtcagga gtttgagacc agcgtgggca acatggcaaa acctcatctc taaaaagggt 240
acaagaaatt agcaggcatg gcggcgctg cctgtagttc cagctatttg ggaggctgag 300

```

```

<210> 1121
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1121
gtggttcttg aagaggacct ggacattgct gtggattttt tcagtttctt gagccaatcc 60
atccacctac tggaggagga tgacagcctg tactgcatct ctgcctggaa tgaccagggg 120
tatgaacaca cggctgagga cccagcacta ctgtaccgtg tggagaccat gcctgggctg 180
ggctggggtg tcaggagggt cttgtacaag gaggagcttg agcccaagtg gcctacaccg 240
gaaaagctct gggattggga catgtggatg cggatgcctg aacaacgcgc gggccgagag 300

```

<210> 1122  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1122  
 aattccgttg ctgtcggcca ctgcgcacgg cctggggagg ttttatttct tgacaaagg 60  
 atttgatact cgtgcagtcc ctggagggtc tcaactggaga gacaacattt aggcctgagat 120  
 ctgattaaca ggaggcagct gcagtgcaga ggtcaaaagg gaggggtgtc caggcagaga 180  
 aaacagcctg tgcaaaaggcc ctgaggcaga aacaaactct acttgaggtc agcctgggta 240  
 gaaagcccaa ctcaaaatag aaagtattac atgataaggc ctgaggcagg ctggaccag 300

<210> 1123  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 1123  
 aattccgttg ctgtcgatgt gttccctaca aatctcatgt tgaaacgtaa tccccagtg 60  
 tgttgagggt gaggcctggt gggagggtgat tggctcatgg gggcatatcc ctcataaatg 120  
 gcttggcgct gtccttgcaa taatgagtgc attttcactc tatgagttca catggatttg 180  
 gctgcttaaa agtgtatgga tttcttacct gctgttgctc tcaccntgcg atgcnnttag 240  
 ttcnctttt gccttctgcc ttgngtaaaa actccttgag gcc 283

<210> 1124  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1124  
 gtgagagaat tgtggagacc aactaccaca tatcattgag ccagctctt gggagcattg 60  
 agatgtatag ctccagggtta cacagttcca aatcttgga aggggctttt cagacagact 120  
 gtttgctttc tgctgagata aggaatgcat cactctgcc gagtatgact ttttacaatg 180  
 agacatatgc agctttattt aataatctgc atatgtctca ttgtaaaaga tgaanntgan 240  
 nnanacatgn aacaaacann gaaaanatnn gnnnnncngtn aaangttaac ggaccatgca 300

<210> 1125  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G



```

<400> 1125
aattccggtg ctgtcgctga cttgcttgag agttctgtca gacttttctt tttaaaaatt    60
taacatgatt gcttttctca attttgaga agatgtttaa atagttctgt tgtaactttt    120
aatagttttg tgtatcattc aacttttttt cttgcagcac cgaggcacat ttgaaaagat    180
ggaacngaag tcnngntggt taccgctggg ngaatataa nagcantttc agctgtgcgg    240
taatggcnaa ntngnnnct tanctctgcg nngtctngct ctagagatac nacttttgac    300

```

```

<210> 1126
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1126
aagtgtggc aaaggaaact atacttttca tttttaaaaa tgtaaataa aaagttttta    60
acgggcatat nggncaaaag natacgtttt aacgattttt aangatcaaa atgtggcacn    120
gctggtacnt tttatcttgc tgactgcncn catatttnn nagcannctt nctgtncnaa    180
gnatgacttn accggctctn taactangat atacttcngg gggganaaag ctgtgatact    240
atagctaata aatnccact anagngacac tgaagattta aacacaagca ttcataagat    300

```

```

<210> 1127
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1127
aattccggtg ctgtcgagcc cagggtcccag cggaatgggc ctctctgttc agtaggatcc    60
ccctcctgct gagtgggtca tggcatgttt ctgttcaacg cttttccatc tgtaggatcc    120
ttattctgta tttatttgtt tttttgggtt tttttatttt ttgagatgga gtctcgctct    180
gtcgcccagg ctggagtgca gtggcacgac ccagctcgc tgcagcctct gcctcccagg    240
acgagggaga tcctcccacc tcagccttcc acgtagctgg gactacaggc atgcaccaca    300

```

```

<210> 1128
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1128
gccctgtttg cctataagat gtcacggtg cagatgatgt ttgggggtcaa tttcttctcc    60
tgectcttca cagtgggctc actgctagaa cagggggccc tactggaggg aaccgccttc    120
atggggcgac acagtgagtt tctgcccac gccctgctac tctccatctg ctccgcagtg    180
ggccagctct tcacttttta caccattggg cagtttgggg ctgccgtctt caccatcatc    240
atgacccctc gccaggcctt tgccatcctt ctttctgccc ttctctatgg ccacactgtc    300

```

```

<210> 1129
<211> 261
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(261)

```

<223> n = A,T,C or G

<400> 1129

aattccggtt	ctgtcgatga	aattcagtat	aaaattgaat	agaagtaatg	ttaatggata	60
atcttgcctt	attcctggtc	tcagagagga	agttttttaa	tatttaatat	gacatacatt	120
gtttgattgg	gactantcag	caaaatcctt	tatcagattt	attaagctcc	ctttgtttnt	180
taatttatta	tgttcntnn	atttntgant	ntgnatngan	tttatcnan	atattctgtt	240
aatnannngt	tnnttncnnn	a				261

<210> 1130

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1130

aattccggtt	ctgtcgagaa	atggaagaac	gtgaaaaaag	aaagataatt	gctgaagaaa	60
agcacaagga	atgggttcag	aaaaagaatg	agcaaaaaag	aaaagaaaga	gaacaaaaaa	120
ttaataaaga	aatggaggaa	aaagcagcaa	aggaaactgga	gaaagaatac	ttgcaagaaa	180
aagcaaaaga	aaaatatcaa	gaatgggttaa	agaaaaaaaa	tgctgaagaa	tgtgagagga	240
agaagaaaga	aaaggaaaaa	gaaaaacaac	agcaagctga	aatacaggag	aaaaaggaaa	300

<210> 1131

<211> 256

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 1131

aattccggtt	ctgtcgagct	gcaccatcac	tgcgtatccc	tgtgactcct	accaggatta	60
taggaatggc	aagtgtgtca	gctgcgggac	gtcacaaaaa	gagtcctgtc	ccgnttctgg	120
nctattatga	tncagttgmn	aagnncgttc	agccnnaagt	gcctaatagag	nnngcnancn	180
cncattaaat	gcnttgcgct	nnctgencag	ctnagcaagc	ngntaacntg	acntgccanc	240
tgatnaaatg	aancng					256

<210> 1132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1132

aattccggtt	ctgtcgacac	attcgggctt	tagaaaagga	ggaagaagaa	gaaaaacaga	60
agagtttgct	gagagaaagg	agacgacagc	gaaaaaatag	ggaatctttc	cagatatttt	120
tagatgaatt	acatgaacat	ggacaactgc	attctatgtc	atcttgatg	gaattgtatc	180
caactattag	ttctgatatt	agattcacta	atatgcttgg	tcagcctgga	tcaactgcac	240
ttgatctttt	caagttttat	gttgaggatc	ttaaagcacg	ttatcatgac	gagaagaaga	300

<210> 1133

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 1133  
 aattccggttg ctgtcgcaag gtggtacctc tatgaggctg caagaaccac aacgtagata 60  
 cagtttagat ggtaataccc aagtccttta aaatatttgg aangcccaan aaggatggaa 120  
 tncanataat nctcanatag tgaananaan cagtnnannn nntncnntan tataatntnt 180  
 gnnattcttt ntngcaacnn nttnctctt tncntnnata gnaaantnnc tatangnttt 240  
 nngttntna tannnnntaa tnatt 265

<210> 1134  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1134  
 aattccggttg ctgtcgcttt gcaacctacc tgacctggc ttgctgttct ggaccagga 60  
 ggcatttccc ctggaacctg attctcctga ccgtctttac cctgtccatg gcctacctca 120  
 ctgggatgct gtccagctac tacaacacca cctccgtgct gctgtgcctg ggcattcacg 180  
 ccttgcctgct ctcagtcacc gcttcagctt cagaccaagt tcgacttcac ctctgccag 240  
 ggcgggcttt tcgggttttt natgnatttt ttcttnang gaattnatct ggc 293

<210> 1135  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1135  
 ttgaaccccc caatagagct cttgtctttt gtttgaaccc ntgattcgaa ttccgttgct 60  
 gtcgctagcc acatcaccaa ataagtgaac aaacaacagc gacaaatcct ggagtagaga 120  
 gtatcgttat ccagagctgc agcagtgtag tacctaaaat gttcagtgcg gtaaaaatga 180  
 gacatgcaaa gaaataggaa catgtgattc atacacagga aaaaagacta gaaattacct 240  
 tgataaggac cagatgttga tcttagtgaa caatgacttc aaagcagcta ttataagtat 300

<210> 1136  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1136  
 aattccggttg ctgtcgaaag aagtatgact gttagtactt ctcaggaccc atcttttctca 60  
 ggattaaacc aggtctgaaa ctgtctccta ttccaacctc aatcccaaat tcatgtgctt 120  
 ttctttttta ttgttttatt ttgatgattt ttgttttgtt ttaattctgg agaattaga 180  
 tcttgctcaa gcacctctta cgttggcatt attcagacat acttggcaaa cataacatta 240  
 ctaagatatt tctttgtggc ttttgcttaa aacttataaa gtttagaaaa aagctaaatg 300

<210> 1137  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1137  
 aattccggtg ctgtcgggtt ctccgtgtg cccaggctgg tcttgaactc ctgggctcaa 60  
 gcaatccgtc cgttttggcc tccgaaagt ctgggatttt aaaggcgtaa gccactgcac 120  
 ccggtaaatt tgggttcttg aattcccttc ctctcttct tcctctccc ctacactcca 180  
 ttagagaaag ggtcttgctt tgttgcccaa gctggagtgc ggtggttgtt cacaggcatg 240  
 atgatcactg cagcctgggc tccagtggtc cgcatacctc agcctgccag tagcaatttg 300

<210> 1138  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1138  
 aattccggtg ctgtcgggga agtccaagat tgaggggcca gatctggcaa gggcttcctt 60  
 gctgcatcat cacatggcag aaggcatcat atagcaagag agcaggcagg agatggatgg 120  
 caatgggggc caaacgcgct tttataacaa acccactccc ttcataaagg acagtccatt 180  
 tatgagggca gagccccat gacctaaca tctccattg ggcccatctc ccatcactgt 240  
 tgcattggag attaagtttc caatacatga attttgggtg acacactcaa atgatagtat 300

<210> 1139  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (293)  
 <223> n = A,T,C or G

<400> 1139  
 aattccggtg ctgtcgggaa tgaagatgat gacgcctcct tcaaaattaa gactgtggcc 60  
 caaaagaagg gngaannгаа tgancgagag agaaanaaag cnagatgaag aanaagcgaa 120  
 nctgnnggaag ctgaaanaac tnagacgagt tagaancngg tnanaaggat cagagtaaac 180  
 naaagggaatc tcaaaggaaa tttgaagann aaactgtnta atccanagtg actgttgata 240  
 ctggagtaat tcctgcctct gaananaaag cnnanactcc cacagntgca caa 293

<210> 1140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1140  
 aattccggtg ctgtcggctt gaagtatgga aaaactgggc ccagaccaag aatgctgaac 60  
 tagagaagga tgctcagaac agattggcac ccattgggag gcgccaactg ctgcgattcc 120  
 aggaagatct catctcctct gctgtggcag agttgaatta tgggctctgt ctaatgacac 180  
 gggaagctcg aaatggagaa ggtgaaccct atgaccaga tgtgctctac tatattttcc 240  
 tgtgtattca aaagtatctt tttgaaaatg gaagggtaga tgacattttc tccgatcttt 300

<210> 1141  
 <211> 291  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 1141

aattccggtg	ctgtcgggtg	tggcgcgcac	ctgtagtccc	agctacttgg	gagactgagg	60
caggagaatc	gcttgaaccc	aggaggcaga	ggttgtggtg	agcggaaatc	atgccattgc	120
actccagcct	gggtgacaga	gcaagattct	gtctcaaaat	aaatacatac	atacatacat	180
acatacatte	atacatacat	acaactttgt	tttttctttt	ctttcttttt	tttttttttna	240
anggnaaaang	caccaccant	naaaaaacn	ttaccgaaan	ggnaaaaaaa	a	291

<210> 1142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1142

aattccggtg	ctgtcgggca	gtggtttctt	agatgttgac	acaaaaagca	cacgtggcaa	60
aagaaaaagc	aaagtcaaca	ccatcaaaga	tgaaagtgtt	cgtgcttcag	ggaacactat	120
caagaaagtg	aaaagacaac	ccaagaatgg	gatagtattt	tgcaaatcac	atatctgtta	180
agaatcttgt	atctattcta	gctataggac	tcttacaact	taataaaaaga	gaaaacccac	240
ctgggtgcac	tggctcacgc	ctgtaatccc	agcacttttg	gaggccaggc	ggacggatca	300

<210> 1143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1143

aattccggtg	ctgtcggcac	cttcgtgtcc	cactactcga	gccacctgaa	gcggcacatg	60
cagacacaca	gcggagagaa	gccgttcgc	tgtggccgct	gcccctacgc	ctcagcccag	120
ctcgtcaacc	tgacacgaca	taccgcacc	cacactggcg	agaagcccta	ccgctgtccc	180
cactgcccct	ttgcctgcag	cagcctgggc	aacctgaggc	ggcatcagcg	taccacgcga	240
gggcccccca	ctcctcccac	tactcgagcc	acctgaagcg	gcacatgcag	acacacagcg	300

<210> 1144

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(290)

<223> n = A,T,C or G

<400> 1144

aattccggtg	ctgtcggcag	tgagtacctg	caaaaatgag	ttgtcacaga	aattatgata	60
ctctatttcc	tgaacctgga	aatgatgttg	gtccaaagtg	cgtgtgtgta	tgtgtgagtg	120
ggtgcgtggn	atacatgtgt	acntatatgn	ataaanacna	tnnacnntan	atctaactna	180
tnancncnnc	ctnctncntc	cccttcncac	gnacngccnt	ntnnnnccctc	agnatecnncn	240
tcagcctnnc	centnatgca	tcncatgccc	gctcagttnt	tnccctccctc		290

<210> 1145

<211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1145  
 aattccggtg ctgtcgattg atagaactac ttgaaaaca attcagtggg cttatttttg 60  
 ggtgattttt caaaaaatgt agaattcatt ttgtagtaaa gtagtttatt ttttttaatt 120  
 tcaagtgatg taatttaaaa cctaagttgt gtttcaaaac agcaccaaaa ctgtattgta 180  
 ttttttttgc tgaattaac tgtataatgt aaacctaatt attttatcat ggtttaaatt 240  
 ttttgcataat ttgcttaatc ttatgctgct gattcttcta actgaatttg cagatt 296

<210> 1146  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1146  
 aattccggtg ctgtcgggtga aagtgtacta aagggaagtat accaagcctt taatcccaaa 60  
 gcagtgggtct tacagctggg agctgacaca atagctgggg atcccatgtg ctcttttaac 120  
 atgactccag tgggaattgg caagtgtctt aagtacatcc ttcaatggca gttggcaaca 180  
 ctcatatttg gagggaggagg ctataacctt gccaacacgg ctcgatgctg gacatacttg 240  
 accgggggtca tcttagggaa aacactatcc tctgagatcc cagatcatga gtttttcaca 300

<210> 1147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1147  
 aattccggtg ctgtcgggga agttaagact tataatcacc catagctttc aaacagaaca 60  
 cacatagcat ctccaccttc attaccacca tcaccaccac caccacctcc atctccacct 120  
 gcaaccccg cactaccacc atgaccacca ccaccatcac tgccatcacc atcattacca 180  
 tcacctccac ctctaccttc aacatcacca tcacaatgac caccaccatc accaccagaa 240  
 aactgaata aaataatgaa agtgcagcct taggctgggc acggtggctc acacctgtaa 300

<210> 1148  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 1148  
 aattccggtg ctgtcgatgt tggggctggc aaaacgagtc ggtgcccgtc tgctcctggc 60  
 ctccacatcg gaggtgatg gagatcctga agtccaccct caaagtgagg attactgggg 120  
 ccacngaat ccaataggac ctnggtcctg ctacgatgaa ggcaaacgtg ttttanannc 180  
 catgtgctat ncctncttga antttanngc gtttatttnc tannnttttn ttannttttna 240  
 nntnnnnatn ncanntnnac tnatnnntgn agnatntgtc tttat 285

<210> 1149  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 1149  
 cgccgcgagg aatttttcca gtcaaaagca tattcgaggg actaaaagga catcaagagg 60  
 gatacttcag tcaaatgata atcagctatg aaaaaatacc ttcttacaga aaaagtaaat 120  
 ctcttactcc acatcaaaga attcataata cagagaaatc ctatgtttgt aaggaatgtg 180  
 ggaaggcttg cagtcatggc tcaaaacttg ttcaacatga gagaactcat acagctgaaa 240  
 aacactttga atgtaaagaa tgtgggaaga nttatttaag 280

<210> 1150  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1150  
 aattccgttg ctgtcgcaag ttttcacaag aggcgggca tgggtggctca cgcctgtaac 60  
 cccagcactt tggctattgt tttttgttt ttttaatttc ttgtagatac gaggttttgc 120  
 tgtgttgccc aggctagtct cgaactaact cttggcctca agtgatcctc ctgcctcggg 180  
 ctctgaagt gctggatata cagtcgtgag ccaactgtacc tggccagaac tcctcttcta 240  
 gggggaagtc aaccacaatg taggaagtca gattgtccca agtccactat gctgtaagga 300

<210> 1151  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1151  
 aattccgttg ctgtcggcag gggcctcccc ggtcgcccca gcaggcccag gcacataggt 60  
 gccagagat ccctggcttc tgatcgcccg gaagactaag agctttagt ttggtccaga 120  
 aagcattttc aaggagctgg tcaagcatgg ctttagcaga taagagactt gagaacttac 180  
 agatctacaa agttcttcaa tgtgtgcgga acaaagacaa gaagcagata gagaagctga 240  
 ccaagcttgg ataccctgaa ctaatcaatt atacagaacc cattaatggg cttagtgtt 300

<210> 1152  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 1152  
 aattccgttg ctgtcggaga tgtggaatga ggctgagaag caactgcaga acagcttgat 60  
 ggacttttga gaaccgtgga aaatgaaccc aggagatgga gcattttatg gccctaaaat 120  
 tgacataaaa atcaaggatg ctattggcag ataccatcaa tgtgtacaa ttcagctgga 180  
 cttccaactg cctattagat ttaatctcac atatgttagt aaggatgggg atgataagaa 240  
 gagacctgtg atnattcntt canctcattt tt 272

<210> 1153  
 <211> 262  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 1153

aattccgttg ctgtcggctc cgaggaggaa gaagctaact attggaaaga tctggcgatg	60
acctacaaac agagggcaga aaatacgcaa gaggaactcc gagaattcca ggaggggaagc	120
cgagaatatg aagctgaatt ggagacgcag ctgcaacaaa ttgaaaccag gaacagagac	180
ctcctgtccg aaaataaccg ccttcgcgatg gagctggaaa ccatcaagga gaagntngaa	240
gagcannctc tgaaggntac cg	262

<210> 1154

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1154

aattccgttg ctgtcggaaa gggttatcaag acacagaact tggcagctct ccttcgatcg	60
attgccagac gtccaaaggg gcagcaacta gcatgggatt ttgtaagaga aaattggacc	120
catcttctga aaaaatttga cttgggctca tatgacataa ggatgatcat ctctggcaca	180
acagctcact tttcttcena ggataanttg cngangnta tctatTTTT tgaacntct	240
tgaggctcnn ngntnntaat nttnnatatt tt	272

<210> 1155

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 1155

gctgcaataa acaagttaac aacaacaatt gcattcattt tatgtttcag gttcaggggg	60
aggtgtggga gggttaacccc nccccccnc nancgcctt nctncncac cnaccctacc	120
acnccntecn cctcctccc ttctcgnncn nccccctc ctccntatt cccnccnncn	180
tcccttncc caatcnccg naacttgnnc ncngecnan nnnctectn tccnccnncn	240
ntcatctent cccccctn cctctncnt aacncccc tctccaat	288

<210> 1156

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(292)



<223> n = A,T,C or G

<400> 1156

```

aattccggtg ctgtcgtgcc tccaagatgg tgagtcttct tgcgtggtga ggggtgggggt      60
tcgggtgcan antatnatan agtgaccnta tnatacnntg angacnncn agagactctc      120
acnncancan cagttccagg cnttcaaacc gaanacaatc cannaaaagn ggaacatacn      180
gaanaacntt ctantataac nnaactantn actactnata gaaaatattc ntgactaggt      240
cccncanatc cttctnactt ccnatanaaa nagagagntc ttaaccttta aa              292

```

<210> 1157

<211> 262

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (262)

<223> n = A,T,C or G

<400> 1157

```

aattccggtg ctgtcgggcg ctttcaactg tactgctgca gctttaagta ccttaaagct      60
tctcctgtga acttcttagg gaaatgtagg gttcagaact aaagtgtttt ggggtgggtcn      120
tatttctttn aattntctat nnatnncnct ntнананнта aanttaantt annaatctnn      180
cngtntttan ttanaanatn nantnttntn atctccnngt antatanntt tnntnncata      240
tgttnnatann ntaanntanc ga              262

```

<210> 1158

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1158

```

aattccggtg ctgtcggtag gattataaat ggtttaaaat acgtattctc aaacctcatt      60
ttcagcatat aaatttttaa gaatcagtgt ttaaaggtag gtgaaacat ttgctagatt      120
tttgtcctag tttttttttt ttaatttaaa aannttannt gttttttaga nannttnnaa      180
tgnccntgcc tcaactggcna aacgcnttca gngnnggac nactgtttaa gangatctcc      240
gggaanaagc cctnanantt tganagggac tgnntnggt gttcnatnct nccccagttt      300

```

<210> 1159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1159

```

aattccggtg ctgtcgca caagccctct gcaaagggtg ggaaacttgc aaggaattta      60
aggaatctc tgttcagtca ttagccagcc actaaactaa ctgagcagat ctttcagtga      120
tcacacacaa caaagaatac agactttaca gacttagtcc tagaaaatca ctacacaaac      180
agcaacaaca atgcacctgg gactaaggga gaggagatga gttccagagt tggatatatta      240
tttaaatgtc tagttttcaa taaaaacaat tataagacac agagcaaac tagaaagtat      300

```

<210> 1160

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1160  
 ctggtgtag ggttctttgt ttttggggtt tggcagagat gtgtttaagt gctgtggcca 60  
 gaagcggggg gaggtgtggg aggtttaant cnnccacnac catattcna acnnngtttn 120  
 anccnnttct tnnacnaan cctatatattg anccancct ntgnacnngn cntncttgan 180  
 tcacntnaca tgttancct ncnaccncct acncatanca ntncnttanc ntnantcncc 240  
 nttacttntt nccnccacc ctgnnncnna ctnnccacn nttcagncct tattctctcc 300

<210> 1161  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1161  
 aattccgttg ctgtcgataa aatgggaatc ttcttggtat tttatgtgta ttgtaagtag 60  
 cagttaaatt atttttttaa aagcaatttc agttttaatc actgaacaaa agaaacaggc 120  
 aacattcact tctgtagtat ggtttccacc tatctctaac accactatta aggtacacca 180  
 gtgttaaggt acattaataa ctacacaaaa ttttatttaa agagaacact tagcagccta 240  
 tgatagtttt caataaaatg ttgcctctct ttcggattct cactaacctt tggtagctatt 300

<210> 1162  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 1162  
 aattccgttg ctgtcgaaga acttcatggg cttcaataat gtctagaaag taaaatgaaa 60  
 gaggaatgtt accatcccca gctgccctta tttccagaga accagacgtt tggntgnnna 120  
 gnggatnman aancgctnnn cntancaggn tactcgatna aggcaaggta aatatngctn 180  
 cannagtgc ctcncttcc ncangagtc ctcnnatnag cacccttatg ntagggnntn 240  
 nnnntnnnaa cnttccngnt ngaccanann ttnaccnctg nggcggttag g 291

<210> 1163  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(284)  
 <223> n = A,T,C or G

<400> 1163

```

aattccggtg ctgtcgggta gaccaccatt tacatatgca tctttaatta ggcaggccat      60
tctcgaatct ccagaaaagc agctaacact aaatgagatc tataactggt tcacacgaat      120
gtttgcttac ttccgacgca acgcggccac gtggaagaat gcagtgcgtc ataatccttag      180
tcttcacaag tgttttgtgc gagtagaaaa cgttaaaggg gcagtatgga cngtggntga      240
agtagaattc naattaccan ggtnacanna gatctttggc aacc                        284

```

<210> 1164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1164

```

aattccggtg ctgtcggcaa ctgtgacctg gagcgctttg ctcaggtctt ggagaaggaa      60
ctgcccctgt atgcgcgccc catcttcctg cgcttcctgc ctgagctgca caaaacagga      120
acctacaagt tccagaagac agagctacgg aaggagggtt ttgaccgggc tattgtgaaa      180
gacccgctgt tctatctaga tgcccagaag ggccgctacg tcccgtgga ccaagaggcc      240
tacagccgca tccaggcagg cgaggagaag ctgtgattcc ccccatccct ctgaggggccc      300

```

<210> 1165

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1165

```

tataagctgc aataaacaag ttaacaacaa caattgcatt cattttatgt ttcagggttca      60
ggggggagggtg tgggaggttt tacngacgct aaagaaaacc cntatggcaa gnatgactat      120
aanagnccat tcccncgtga nnccaaaaac taacgcagnt atgccnagaa tgngactgtc      180
tggntcnaac ccagcgnnct gcanacngat gtacngaaga ttttatgaaa tgcantgana      240
ctacctgaaa aatcacagac nttctataag gagctnaacn gtttncgana ggccgtctag      300

```

<210> 1166

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 1166

```

aattccggtg ctgtcgtacc ccagtaccag tgaggatata ttgggaatta cttggcaaaag      60
tcctgggtacc tgggctagct tggttccttt ccaagtgtca tatangaacn nnatnttacc      120
ggccanantc cnatantacg gntngantat nttgtgntgc nganccattt tcacaattac      180
tatgtnatnn antganaatg nttnagtnaa aaantncata nctgnaanac atngaantnn      240
aattgggcca tcatntacga nttganctga antatntaggt gnactttata aatt          294

```

<210> 1167

<211> 260

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(260)  
 <223> n = A,T,C or G

<400> 1167  
 aatccgttgc tgtcggaaac gctgccagat catcatcttt cagggtggtct tcctgggect 60  
 cctgggtggc ctgggtggcc tcttctacgn ctatcctgtg cggttgcagn agttgtnnnt 120  
 tnnctnatgg cnggtattct gtnttttttn ntttttttn ntttngnag ccnnntgatn 180  
 atgttttnt tngttntnt gnagnntnnn agttttgga ggtttntngt cngnttcnna 240  
 gntnnattct ntctantgnt 260

<210> 1168  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1168  
 aattccgttg ctgtcggaaag aagttgaagc agaagtgaag gcagctgcag agatatcaat 60  
 gggaaacagag gtttcagaag aagatatctg caatattctg catctttgca cccaggtgat 120  
 tgaaatctct gaatatcgaa cccagctcta tgaatatcta caaaatcgaa tgatggccat 180  
 tgcacccaat gttacagtca tgggtgggga attagttgga gcacggctta ttgctcatgc 240  
 aggcctctct ttaaatttgg ccaagcntgc agcttctacc gntcagattc ttg 293

<210> 1169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1169  
 aattccgttg ctgtcgattt aatatacaac ttggtttaga ataaatatct aacaaatgta 60  
 taattgaatg gcagagacac tgacacttca ttgatagggt cattgctcct gccaggttg 120  
 ggactgagaa aataatttga tagttgggtcc aatgtgtgat acctatgaaa gaaccgagcc 180  
 ttaatatatt tcatctttat gttacagcca ctgtgtcgaa ctcccagcag gcttaccagg 240  
 aagcatttga aattagtaag aaagaaatgc agcctacaca cccaattcgt ctgggtctgg 300

<210> 1170  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 1170  
 aattccgttg ctgtcgccaa gggctcacta agccagaggc caaagtgcc cctcccgttc 60  
 acctaccacc caagtctca tgccctccga gggctggggg aggaggggct caaggaaggg 120  
 gggttccatg tacatattta tcccccttt cacatagccc caagaccttt tgtacatttt 180  
 tacaggggtg cccctccaa cagttccctt cctggttaat taaacctca gactggtgct 240  
 gtgttcctag cctctggcct ctctgtgggg aaaggggact gcaaggggaa ga 292

<210> 1171  
 <211> 263  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(263)

<223> n = A,T,C or G

<400> 1171

aattccggtg	ctgtcgggca	cagtagttta	ccctgttatc	tgtgtttcat	aatgggggct	60
gtatgaatat	tatttataac	taataaaatg	ttgccagaat	tatactaaac	tggtggatga	120
gattaggaga	tcagaggctg	gaccttctct	tgataatgct	tgttttgtta	cagntattan	180
gaaatnnttt	gtatgtgatt	nntttnntnn	tcngnatngt	tnatgtnnag	atnggtnana	240
nntncttttt	nantngctga	att				263

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

aattccggtg	ctgtcgtctt	ttctgggtgac	tctctggatt	ttgaaaaaca	gactctcctc	60
cctcaatagt	gaagtgtcca	ccctccggaa	cacaaggatg	ctggcattta	aagcgacagc	120
tcagctgttc	atcctgggct	gcacgtgggtg	tctgggcatc	ttgcagggtg	gtccggctgc	180
ccgggtcatg	gcctacctct	tcaccatcat	caacagcctg	caggggtgtct	tcattctcct	240
ggtgtactgc	ctcctcagcc	agcagggtccg	ggagcaatat	gggaaatggt	ccaaagggat	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

tagatcaagc	tacttgttct	ttttgcagga	tcccatcgag	ccggcgcgag	tgtgcgtgtg	60
tgtgcgtgtg	tgtgtgctg	cgcggtggag	gggggggacc	aactgcttca	cactttcaac	120
actgcactga	agagggagag	cgagagagag	actggagacg	cacagatccc	cccaaggctc	180
cccaagccta	ccgtcccaca	gattattgta	cagagcccca	aaaatcgaaa	cagaggaaac	240
gaacagcagt	tgaacatgga	cgaaggaatt	cctcatttgc	aagagagaca	gttactggaa	300

<210> 1174

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1174

aattccggtg	ctgtcgttgc	acccaaggct	gagcctgcc	tcattccctgc	cacccggaac	60
gagcccatcg	ggctgaaggc	ctccgacttc	ctgccgcng	nganaatncn	ccnnnnngcn	120
natctggcnt	acaangatga	natngacgtg	ataggtgnta	ncannaacan	cataganana	180
aactgnttnt	ntgtangnng	anngtnntac	ntnatccgnt	ncatnnaann	tngaattcnn	240
atcnnctccn	annaggaacc	gtcttgagaa	gatngcatga	nncgaatcct	actcttcga	299

<210> 1175

<211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (294)  
 <223> n = A,T,C or G

<400> 1175  
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 cacgtggcag ggaaacctcg tctctataaa aaaaagaata caaaaattag ttgggcattg 120  
 tagtgagcgc ctgtgaggct gcttgtaggg ctgagggtgg aggatccctt tagtccagga 180  
 gttcaaggct gcagtgcgct gtataatgcc actgcagtcc agcctgngtg acagttanac 240  
 cctgtctncn natctanatt ttntgnaaag nanacnttaa ggntangatg aaat 294

<210> 1176  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1176  
 gagcattcca tcgtcttcat tagctcttct atcctctgtc ctgtcctcta gcaagacacg 60  
 ctggatgcag atatccacat agagacggag gatcatggca tgtataagta catgtcttcc 120  
 cagcacctct tcaagctgtt ggactgtttg caggaaatccc attcattctc aaaggccttc 180  
 aactccaatt acgagcagcg gactgtcctg tggcgagcag gtaaggccac acagcagata 240  
 agatagatgg ccacactggc caccttccta aaacattaaa gtgcttgga aatgccccaa 300

<210> 1177  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (282)  
 <223> n = A,T,C or G

<400> 1177  
 aattccgttg ctgtcggaat tgtggaagct accttttagga acatggagaa ttcccaaacc 60  
 aacaggcaaa ggaaaactaa cgcacaaaaa tgacattctg aagatgcagg ttccagccag 120  
 gcgcggtcga gagaanatan aaacgggtcaa ttaccnaca tatnctgagg ctgagaaata 180  
 gtgctnagat ggaaganatg aactncnagt ctctggtcga ccatnctnan ttctnacct 240  
 tnnngncnna ctgtanatga anagggttt nntcttctgt at 282

<210> 1178  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1178  
 aattccgttg ctgtcgtcct cttctggcc cagaagatct tcaatgacaa cagcctcagt 60  
 atggaggcct tccagcacg ttctgtgtcc tggtcgcagt tcaacaaggc cattctcctg 120  
 ccctttggac ctccacccc caagctcttc atccctgggg cactcagggc ctgctcagcc 180  
 tccatgcagg gaccttcac tggattctcc acagtgcgcc ctcaggctct ttaggaaggc 240  
 ctgtcatgga ccagggagga aaaaccccag gcctgggggt tggctctgga gatgcgttct 300

<210> 1179  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1179  
 atgcccccg ggccctggcc cagaccgccg cccccgggcc gggcaggaag gagctgaaga 60  
 tcgtgatcgt gggcgacggc ggctgcggca agacctcgct gctcatgggtg tacagccagg 120  
 gtccttccc cgagcactac gccccatcgg tggtcgagaa gtacacggcc agcgtgaccg 180  
 ttggcagcaa ggaggtgacc ctgaacctct acgacacggc cgggcaagaa gactatgacc 240  
 ggctgcggcc cctgtcctac cagaacaccc acctcgtgct catctgctat gacgtcatga 300

<210> 1180  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1180  
 aattccgttg ctgtcggcta agacaatctc agcttttctt agacaatctt ctatctcaaa 60  
 cttcagacat tccagaattg tcatgatgtt tacactgtct gagttaaaaa tcctgttcaa 120  
 gaaaaaaaa agattttgta tcacttctta aaaaggaata ttcatagcac ttgtcacaaa 180  
 tagaaggcaa ccatgagata atacaagcca gggagaggct tgtattacat gacaggtgta 240  
 attagtctgc tgagccagct ttacccaatg aaggcatat gtgtagaga gattagctaa 300

<210> 1181  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (263)  
 <223> n = A,T,C or G

<400> 1181  
 aattccgttg ctgtcgggtt tgggccagaa agacttccag tttggagtcg tttgctgcgg 60  
 ggaggggaatg aatgggcgct gggaaacacgc ccgcgagggtg gggacgcgcc ggccgtatcn 120  
 aggncttag nnngagaacg gccnacngnc atctnnttca tgcncntnn naacntnact 180  
 nntagnnnac tttnnncgt gacttncct tantgtaaaa tanntntnc nngacnagc 240  
 cganttcac ccanntctnn ngg 263

<210> 1182  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1182  
 aattccgttg ctgtcgggtt aagcctgggc aggtgggtgta caagtgcgcc aaatgctgca 60  
 gcatcaagcc cgaccgagcc caccactgca gtgtttgtaa gcggtgcatt cggaagatgg 120  
 accaccactg tccttgggtc aacaactgtg taggcgagaa caaccagaag tacttcgtcc 180  
 tgtttacaat gtacatagct ctcatctcct tgcacgccct catcatgggtg ggattccact 240  
 tcctgcattg ctttgaagaa gattggacaa agtgcagctc cttctctcca cccaccacag 300

<210> 1183  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1183

aattccgctg	ctgtcgaaga	gacagctata	tttgtttcaa	tgtgtacctc	tccttctaaa	60
ctcagttcct	aagcatatag	tatctttata	gctatacacc	tagtgtctat	cagaccctaa	120
actatggtag	gccctcaata	cattttattg	ttataggtag	atagataggc	atgagtaggg	180
caggagaggg	ctctccctcc	accactaga	aatgtcaagt	gatgttttaa	aaattgtcac	240
actgcctctc	agaaaatgat	aattcagcaa	ccggggagag	aatcttctga	tggtccacac	300

<210> 1184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1184

aattccgctg	ctgtcgctt	tccaggtcct	tccaactttg	ttaatttggt	ctactgcctg	60
ggagattcct	ttgactttat	ctttttacct	ttatattgaa	ggttttcagc	tgtcatattt	120
ttaatttctg	gtagtttttt	cttgtctatt	ccttaatttt	ttctttggag	acaggggttc	180
actctgtcac	ccaggtttgt	gacagcctta	ctgcagcctc	aacctcctgg	gccaagcaa	240
tcctcccact	tcagcctcct	gagtgggttg	gaccacaggt	gcataccacc	acacgtggct	300

<210> 1185

<211> 272

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1185

aattccgctg	ctgtcgacaa	agtcgcagat	gcatacaaga	ctttttcaag	aaacacatac	60
agtacaaatt	cttagatgaa	gactttgtgt	tcgatataata	cagagacagt	agggggaagg	120
gggggaagnt	tctggnnact	tctttgntna	tctnnnnnnn	ncatgattta	ctactttaan	180
gnggnnttgn	tggntantng	naccatgnnc	atncttnan	ngtcnngntt	ttcttantaa	240
ntcgnntntt	ncntnnactg	ncctaanatn	nt			272

<210> 1186

<211> 288

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 1186

aattccgctg	ctgtcgccca	aactaaaacc	ttatctgtct	gcattttgaa	tgcattttgg	60
tcaaaaagtat	acgtttttaa	gattttttaa	gataaaaatg	tggcncaacn	gggttttttt	120
gctnnctgat	ntangnccct	atcnntaann	taatctttct	ctcennance	anantncacc	180
antatggtnn	aactannntt	naactnacan	tgaannntta	attngnnntt	ttcnnaann	240
ntttcnaatn	taaatnncta	nngnttncaa	ctngctcgnn	ngaaattc		288

<210> 1187



<211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 1187  
 aattccggtg ctgtcggcctt gggattcttt tatctcctgt ggtggataaa tctgccttaa 60  
 atatcaatgt aacttggggg ctgggggctt gttttgggtg ccaancncat ctctttangg 120  
 acagnntaaa tnggattata tctcangnac agttggacct tcagacctaa cnntnaccat 180  
 tnncccttacc tgtntaantc tgaaatgtaa tanganagat aactgcnaga tgccagctnt 240  
 cctaantntc aaagcctttc a 261

<210> 1188  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1188  
 aattccggtg ctgtcgaac caaggacaca gtcagcattt aacaaaaagg aatctgcac 60  
 tcagtcagaa ctgtattgca ttgtcttctc tctggattac cttgaagtta ctccccctcc 120  
 ccaagcagtg aaacgatgga ccaaaggggt aaatctcttt gaacaagaaa ttattctggg 180  
 gcctattcat cggaaggtag attggagcct ggtgggtgatt gacctaaaga aaaagtgtct 240  
 taaatatctg gattctatgg gacaaaaggg ccacaggatc tgtgagattc tccttcagta 300

<210> 1189  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1189  
 aattccggtg ctgtcgcgaa tggtagcccc ctggacggaa gcgcccagaa ggtgcccagt 60  
 cccgatcccc agcccagcac tcgcggcatc ttccggccttt gccactatct tggtttttat 120  
 gatttttaac aaggagcgtg aaagcttcag ctgcgcctga gccacgtgg gcagcgggac 180  
 ggcatagggg tggcccccat agaagccggg ctgggggtgg cctccgtagg gttgtctggg 240  
 gtttccacgt ggggtgctaa gaagcaaggc ctggctgggt gcggtggctc ccgcctgtga 300

<210> 1190  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1190  
 aattccggtg ctgtcgggca aggaaggatt cttctgaagc tttcggagga agcatggccc 60  
 ggccaacacc ttgatttctg atttctaaac tactcagccc gctgcaccc aggtgaaata 120  
 aacagccttg ttgtcacac aaagcctgtt tgggtggtctc ttcacatgga cacatgagac 180  
 acttggtgcc gaagaccag gtcagtga ctccttcagg agaccagtcc cctgtcctca 240  
 ccctcactcc gtgaggaaat ccacctatga ccttgggtcc tcagaccaac cagcccaagg 300

<210> 1191  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1191  
aattccggtt ctgtcgggtt accagctaca taggataggg cctaacaaag acttactagc 60  
acaaagcaag gaggtttcaa ggaagttagt ttataaaaga aactattatt ttttaacact 120  
tatgatttat tctttaacaa gaagggaaac tttgaagagg aacttttact ttccacattg 180  
aacaataag taagaaaaag aaagggaaac ttccccagg ctgaaaggaa attttcaggt 240  
catgccatta ttatcagaat taataagacc catgcatcgt ggaaaactga gaacaccacg 300

<210> 1192  
<211> 260  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(260)  
<223> n = A,T,C or G

<400> 1192  
aattccggtt ctgtcggcgg agcgaccccg gccggaagcc gctgtcgggg agccggcggt 60  
ggggctggac gcaggtgcaa ctgacatggg tgaaccccag ggatccatgc ggattctagt 120  
gacagggggc tctgggctgg taggcaaagc catccanaag gtggtnntna atggagttgn 180  
actttntgga taggatttnt ntgttagttn cnantnttac tntgntntaa tctttngnan 240  
tnttnggann ttttttgttt 260

<210> 1193  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1193  
aattccggtt ctgtcgatct caccctggga agatgtggtg cccctccag ggctctggag 60  
gatggatgcc tccccagg gctctccaag ctgggcattt gggcctggtg gatgccaacc 120  
tgataaacc gtggcccagc attgactgtc caccagcct tctgtttagg caccatgact 180  
ccaagatgaa gatgtggtcc ctgcccttga gtgacagccc agggacttaa tgtggccatc 240  
gggcatcaag cacaaggcca tgcagtgat gatagctcgg aatagaggca ccagccctgg 300

<210> 1194  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1194  
aattccggtt ctgtcgggaa gctcgatgtc ccaatattgg agagtgttgg ggaggtggag 60  
aatatgccac cgccacagcc acgatcatgt tgatgggtga cacatgtaca agaggttgca 120  
gattttgttc tgtaagact gcaagaaatc ctccctcact ggatgccagt gagccctaca 180  
atactgcaaa ggcaattgca gagtggggtc tggattatgt tgcctgaca tctgtggatc 240  
gagatgatat gcctgatggg ggagctgaac acattgcaaa gaccgtatca tatttaaagg 300

<210> 1195  
<211> 265  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(265)

<223> n = A,T,C or G

<400> 1195

aattccgttg	ctgtcgggtg	agggtgccgt	gagctgagat	tgcgtcactg	aactccggcc	60
tgggtgacag	aaggaggctc	tgccttaann	ganaaaaaan	cntcntggaa	ctggtgnang	120
gataaaatna	aggattgagg	nattgaggna	ttgntgacnt	gnacntcnag	gngtcnnatt	180
tttttaaang	ggggggcncg	naccgggncc	gnntncntnt	tntttcnagg	cagggtgggnn	240
tgngnnaann	caanaggnat	tcctnt				265

<210> 1196

<211> 257

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (257)

<223> n = A,T,C or G

<400> 1196

aattccgttg	ctgtcgggtga	atgatgatga	tgccattggt	gctgcttcga	agtgccttgaa	60
aatgggtttac	tatgcaaagt	tagtgggagg	ggaagtggac	acannntnca	ntgannaaga	120
tgntnaagag	cccatncctn	agaccanctt	atntnatacc	tnttganctn	ttnngatntc	180
atntnangtn	tcannatntg	ccntnnnctn	ngccacnngg	cnntatgcnt	tntnngncna	240
ttntttntnc	ntcatct					257

<210> 1197

<211> 286

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (286)

<223> n = A,T,C or G

<400> 1197

aattccgttg	ctgtcgagat	gaccctgctt	tcttggtcct	gttaagtatc	tggctctgtg	60
tgtccactat	aggatttggt	tttgtgctgg	acatgggatt	ctttgagaca	ataaagcttc	120
tcctttgggt	tgcnctnata	nattgtgnat	gngcntgntc	ntntttncgt	tnnanaatnt	180
tcctttnnan	ancnggncat	ntaattnant	tnaaagggaat	naccctngcc	cnnggnttaa	240
naannanttc	ttnnanattnn	ggaacnttnt	cccccttnna	attttc		286

<210> 1198

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1198

aattccgttg	ctgtcggacc	cataggcatg	ccagacatgg	gcattggggtt	catgttcac	60
tgtcccatgt	gaccactgct	gccattcatg	tgcaccatac	tatacactgc	aggattcccc	120
tgggtgggcaa	actgctgctg	ggaaaaggag	ctgtaagtaa	acaaatggta	atattacctc	180
tggaagtcac	tttagcgaca	aagggcatgc	ccacagaaat	tactacaatt	gtgtcaaaca	240
ttgctatact	taagctggga	atgttagaga	aaactccctg	acagcctgtg	atccattttt	300

<210> 1199

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1199  
 aattccgttg ctgtcgacca gacagagctt ccagagtgtc aggacatgtg tgacttagcc 60  
 cagattcaga ctttagtcac aagcaggatc agcatagaca tctagctccc agcatggcaa 120  
 ttctctgttg tgtctccttg tttgtattgg ctgcaggaaa gctcagagcc aagtctgcga 180  
 taagctgac ctaagtgtga acgtgaagtc cccagccctg ctgctgagcc agttgctgcc 240  
 ctacatggag aacaggaggg gtgctgtcat cctggctctt tccattgcag cttataatcc 300

<210> 1200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1200  
 gggcggctcc gggcaggggg gcacgatctt aaggacagtc gctccctgaa cgcgagagccg 60  
 gaggagacga agggaaagtg gagcggacgc caccgcgca ccgggcaggc gcggagaccg 120  
 gcgtgggaca gccacctgga gcgcagctgc cagaaagaag gactttgctg ctttgggcca 180  
 ggatctgaac ttaggtgtaa accattgccc tggcagaggg aacctacca gtccattgct 240  
 gcctgctaca agatatgaac agtaatggca catattttgg ttatgagtc ctcagtggac 300

<210> 1201  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1201  
 aattccgttg ctgtcggcat cagcaggcac tgtcctcctt ggagctgctc aacgttctct 60  
 tcaggacctg caaacatgag aagctgacct tggacctgac ggtgctcctg ggtgtgctgc 120  
 aggggcaaca gcagagccta cagcaggggg cacactccac cggtccagc cgctgcacg 180  
 acctctactg gcaggccatg aaaaccctgg gagtccagcg cccaagttg gagaagaagg 240  
 atgccaagga gatccccagt gccaccacaga gcccacatcag taagaagcgg aagaaaaagg 300

<210> 1202  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1202  
 aattccgttg ctgtcgatgc tcccaggtct ccagtgtcac ctctcggtag agtgcctctt 60  
 gggccaggtc cagctgttcc cactcctcct gtgtgaatgc catagccaca tcctcgaagc 120  
 acacagatgc ctgaaacagg gcacttggtta ctgctcagag accccaggtc ctcatgccct 180  
 cagggaggta cctgttaagg cctaaatggt ggtgtccccc cgtaaaattc atacattgga 240  
 acctaatacc cagtgaagata gtgttaagag gtggggtcct tacaaggcaa ttaatgtcct 300

<210> 1203  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

&lt;400&gt; 1203

gaaaggcacc agtatgtgtt ttagattgat ttccctgttt cagggaaatc acggacagta	60
gtttcagctc tgatggtata agcaaaacaa ataaaacgtt tataaaagnt gtatctngat	120
acactgnnnt tnnacatgnn ancannttat gnnnnntant ctatgccacc tnnngtcac	180
ntnttnnann ctctancntt ncancttct tgnntcntnt cctnattegn nngtgccaag	240
agantntntn cngnagnnac cnttccttg ccaccttctt gctctgtntn tattacct	298

&lt;210&gt; 1204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1204

aattccgttg ctgtcgagca cattgaccac cacattcagg gccaggggct cagtgggcaa	60
gggctctgtg cccgtgccct gtacgactac caggcagccg acgacacaga gatctccttt	120
gaccccgaga acctcatcac gggcatcgag gtgatcgacg aaggctgggtg gcgtggctat	180
gggcgggatg gccatttttg catgttccct gccaaactacg tggagctcat tgagtgaggc	240
tgaggggaca tcttgccctc ccctctcaga catggcttcc ttattgctgg aagaggaggc	300

&lt;210&gt; 1205

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(267)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1205

aattccgttg ctgtcggcag gttggtgtca aaggaaatcc ccaaggcttc aaccagggtc	60
tggattgtga tgtgatcgta gctgaggtat gtgcttctca ggccctgcaaa gcttccacat	120
ttttgttgan atnanttatt catgnggact tgtatcnnc tcnnnacnnt tnnntcnctn	180
naanctgnnt annctatnn tnancttcgn aactnatctt gattacntnt tctncatcnt	240
annnttnatt tnantaannn ntgntga	267

&lt;210&gt; 1206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1206

gccacgggat cctcagcggc ttcaacaaga cggttctgcg gacgctcccg cggagcggaa	60
acctcattgt ggtggagagc gtgctcatgg cagtggcctt cctggccatg ctgctggtgc	120
tgggtttgtg cggagccgct taccggcca cggaggagat cgatctgctg agcgtgggct	180
ggggcaacat cttccagctg cccttcaagc acgtgcgtga ctaccgctg cgccacctcg	240
tgcctttctt tatctacagc ggcttcgagg tgctctttgc ctgcactggt atcgcttgg	300

&lt;210&gt; 1207

&lt;211&gt; 294

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(294)

<223> n = A,T,C or G

<400> 1207

gtagagaaca	acctgctgca	tctggaagac	ttatgtgggc	agtgtgaatt	agaaagatgc	60
aaacatatgc	agtcccagca	actggagaat	tacaagaaaa	ataagaggaa	ggaacttgaa	120
accttcaaag	ctgaactaga	tgagagcac	gccagaagg	tcctggaaat	ggagcacacc	180
cagcaaatga	agctgaagga	gcggcagaag	ttttttgagg	aagccttccn	ccnggacctg	240
gacctgtanc	tgctcnntgg	gtacntnctg	aannttgngt	gtntnagct	cctt	294

<210> 1208

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1208

aattccgttg	ctgtcgctgg	tgatgagatc	gggaaagtgg	gctcaggagg	tctggatctg	60
tgatgagatg	gggaaagtgg	gctcaagagg	tctggatctg	tggtgagatg	ggggaagtgg	120
gctcaggagg	tctggatctg	tgatgagatg	gggaaagtgg	gctcaggagg	tctggatctg	180
tgatgagatg	gggaaagtgg	gctcaggagg	tctggatctg	tgatgagatg	ggggaagtgg	240
gctcaggagg	tctggatctg	tgatgagatg	ggggaagtgg	gctcaggagg	tctggatctg	300

<210> 1209

<211> 278

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(278)

<223> n = A,T,C or G

<400> 1209

aattccgttg	ctgtcgagc	cttatcattg	gttatgccag	aaacccttcg	ctgaagcagc	60
agctgttctc	atatgctatc	ctgggatttg	ccttgtctga	agctatgggt	ctcttttctg	120
tgatggttgc	ttnccttgnn	gtgcttnnca	ngaccnaaga	ncataggaaa	cacctgagta	180
gctcttntcg	tgctggccac	caggagaagg	agcantatag	tcgcttgagn	gnnggcggcc	240
attatnacag	ccngaanaca	ctttctacnt	cttcaatg			278

<210> 1210

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 1210

aattccgttg	ctgtcggaag	ctagatggac	taggagagac	ttgatttttg	tgctaaagt	60
ccccagttca	tatgtgacat	cttttttaaaa	aaaataacaa	caaaaaaaaa	atgananaaa	120
agctaaaaaa	aaangnangg	ggngancagt	naanggnatt	nattccacat	ncaanatcng	180
ggnaaaacga	tttctgttaa	aagnaccttn	aagggttttn	gntntaaaaa	nccgnaggtc	240
tatccttaaa	gcantnacnc	cangctttnt	tccttgggtt	t		281

<210> 1211

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1211  
 aattccggtg ctgtcgctca gccgcctgc acccaggtga aataaacagc catgttgctc 60  
 acacaaagcc tgtttggtgg tctcttcaca gggacacgga tgaaatttgg tgccgtgact 120  
 cggatcgggg gacctccctt aggagatcaa tcccctgtac tccttttctt tgccctgtga 180  
 gaaagatcca cctatgacct cagtcaggtc ctcagaccga ccagcccaag gaacatctca 240  
 ccaattttta atcagacctt gaagatttgt tgttcaagga gaaactgaag agcaagaagg 300

<210> 1212  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1212  
 aattccggtg ctgtcggaag tgaccgcgcc tcaatgctgg ctgctgctaa cattaatgag 60  
 aagggtggcct tcagcgtgna nctgaggnnn naangncaca nnanntgaat gcttnnagcg 120  
 acngaaatgg aatattctga naatgancan nancnncacc actacnacag aaagangttg 180  
 gaggctnctg taccctgntc attccttang ggnctgtctt nccttaataa gtaagtaagt 240  
 tggntacng ccctnnatat gcaaatgaga gctgaaaagt tttaaaaggt aca 293

<210> 1213  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 1213  
 aattccggtg ctgtcgcttt gaaatgtaac aaatggtact acaaccaatt ccaagtttta 60  
 atttttaaca ccatggcacc ttttgcacat aacatgcttt agattatata ttccgcactc 120  
 aaggagtaac caggtcgtcc aagcaaaaac aaatgggaaa atgtcttaaa aaatcctggg 180  
 tggacttttg aaaagctttt ttttttttga aacggagtnt tgctntgtng ccaggtgtgn 240  
 agggcannan nncnatctng gntaattgca ccntccgttt 280

<210> 1214  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(259)  
 <223> n = A,T,C or G

<400> 1214

```

aattccgttg ctgtcgctga gtaatctgga agaaacctgc cccatgacat gtattctcgg      60
aaagtgtgct gtgttgtcat tcaaggactt cctctcctgc aggccaactg aaataccaga      120
aaatgacatt ctgtcttgtg agagccgcta caatgagagc gacaagcaga tgaagaaatt      180
caaaggattg aagagggttt nactctctgc tanagcgtag acgatnnant ttacnctntc      240
nnanctcnat nttncanct

```

```

<210> 1215
<211> 276
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

```

```

<400> 1215
aattccgttg ctgtcggtct ctgtgtgtac ctcccattga gtagagaagc ttaagataat      60
ttctgagaga agaacactgc tgattgtggg agcagtttag gagtccatgg aagaaagaaa      120
aatacatgtg tcttggcagc catggtgtat ttttgtccaa atggattgga aggatatttg      180
aatatttgaa tgntgntncn acataangtt gannnncact ntcnattcnn ccnntgaant      240
acantnctgn cnancnctnt cnccttaatn tcnttc

```

```

<210> 1216
<211> 299
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 1216
aattccgttg ctgtcggtag agatcatctt tacagttcct cgggaaaatg tgaatgtgct      60
gcggtttgtt ttctttactg tatgaaaaca ggaaaataaa agagaaattt agaaaataca      120
gctcattaca ataaaattgt tggatttcat ttccccaggt cttcagtggt gatgtaaatg      180
tgttttgtag tgttgcttag cactttgcgc attgtgtang ttgggtaaca nntanggcta      240
nctaannnga nnntttccan ncntttngnt ctgaanacct tcntttannc tgcccattg      299

```

```

<210> 1217
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

```

```

<400> 1217
aattccgttg ctgtcgagc tttattgctc acacaaagcc tgtttggtgg tctcttcaca      60
cggatgcgca tgaatttgg tgccgtgact cggatcgggg gacctctctt aggagatcaa      120
tccccgctcc tctgtctctt tgctccatga gaaagatcca cctatgacct caggtcctca      180
gaccgaccag cccaagaaac atntcaccaa tttcaaactc ggncttcana tggaaaggan      240
cnngtatccn naaagangtg atcaangatt gcntnctgag ganntcatat gcactt

```



<210> 1218  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1218  
 aattccgttg ctgtcgcgaa ataatacgtg tagatgcccc tgatccaggt gcagaccctgc 60  
 tggctagcag tgtgaacggc atgtgcctgg atattcctgc tcacctgagc atccgcatcc 120  
 tcatctcgga tgctggcgcg gtggaaggga ttactcagca ggagatactc ggtgtagaga 180  
 caaggttctc ctcaagtgaac tggcagtacc agtgtgggct tacctgtgag cacaaggccg 240  
 accttctccc tatcagtgc tccgtccagt ttattaaaat tcctggcagt taccaccacc 300

<210> 1219  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1219  
 aattccgttg ctgtcggcca ggaaaggcaa ggggcagatc gagaagagga agctgcggga 60  
 gaagcggcgc tccaccggcg tggtaaacat ccctgccgca gaggcttag atgagtacga 120  
 agatgatgaa gcagggcaga aagagcggaa acgagaagat gcaattacac aacagaacac 180  
 tatacagaat gaagctgtaa acttactaga tccaggcagt tcctatctgc tacaggagcc 240  
 acctagaaca gtttcaggca gatataaaag cacaaccagt gtctctgaag aagatgtctc 300

<210> 1220  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1220  
 catcttgccc atgtcggctc tgaactcctg acatcgtgat ccatctgcct cggcctccca 60  
 aagtgcggg attacaggca tgagccacag tgcccggcca ttttgcccat tttttaatca 120  
 ggttatttgc ttttttggga agattcgcgg ccgctatcta cgtagatcca gacatgataa 180  
 gatacattga tgagtttga caaaccacaa ctagaatgca gtgaaaaaaa tgctttattt 240  
 gtgaaatttg tgatgctatt gctttatttg taaccattat aagctgcaat aaacaagtta 300

<210> 1221  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1221  
 aattccgttg ctgtcgagca aataccaagg cctaaaaaag aatgaattat ttgctgtttg 60  
 ggaaatggaa gccacgctg agtgctgaag cacagggact ctgcgcagga agaggagggg 120  
 aagcaagaaa tgaatttggg tccttgatgat ggcagtggct gctgccatca cgctgtgtgg 180  
 ctagggctgc aacttcatg gagecgggtg aagcccgcgc cctcatgagt tgggactgga 240  
 gccgcaaacc gctgctgcag acccaggcct tctgctctat ggagcaggca ggagccccac 300

<210> 1222  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)

<223> n = A,T,C or G

<400> 1222

aattccggtg	ctgtcgcagc	cttggtttat	gccacttttc	tctccccata	ccttcccctc	60
atgtgtactt	agccacctgt	gttgctttga	atctgctgcc	agttctggct	caaagtgggc	120
acaaaatnag	nacttnagac	gcacccatgan	ntnctgtgg	ctatnnnttc	tnangantng	180
tttnacnntt	nctgtnttat	nntntgntta	ngnttnagnn	gtnnnnnnta	nnnnnaaata	240
nnnnatgatg	ntntgncna	tcnntntnat				270

<210> 1223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1223

aattccggtg	ctgtcgcttc	gtggagctct	tccagagctg	gccgctgctg	gagaggccct	60
ggaaggcctt	cctcaacctc	tcggccatcg	tgctcttctt	gttcatctgt	ggcctcctgc	120
cctggatcga	caacatcgcc	cacatcttcg	gcttcctcag	tggcctgctg	ctggccttcg	180
ccttcctgcc	ctacatcacc	ttcggcacca	gcgacaagta	ccgcaagcgg	gcactcatcc	240
tggtgtcact	gctggccttt	gccggcctct	tcgccgccct	cgtgctgtgg	ctgtacatct	300

<210> 1224

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1224

aattccggtg	ctgtcgggaag	aacataaaca	ggatgctgag	agattgggtc	tctccacatt	60
gccccggctg	ctctccaacc	cctgagttca	agtgattcac	ctcccttggc	ctcccaaagt	120
actgggatta	cagggctgag	ccaccgtgcc	tggtcgagaa	gatggattta	agacatatatt	180
tggaagtaac	attgtcagga	cttcctgaag	gattanatgt	ggaaggggaag	gataagaaac	240
agaccaagga	taactttcaa	atgtatgctt	aagcaactgg	atggataatg	atgccattga	300

<210> 1225

<211> 286

<212> DNA

<213> Homo sapiens

<400> 1225

aattccggtg	ctgtcgcgaa	tggttttagcg	ccaggttccc	cacgaacgtg	cggtgcgtga	60
cgggcgaggg	ggcggacgct	atctacttag	atccagacat	gataagatac	attgatgagt	120
ttggacaaac	cacatctaga	atgcagtga	taaaatgctt	tatttgtaga	attatgtgat	180
gctattgttt	tatttgtaac	cattataagc	tgccgatata	caagttaaca	acaacaattg	240
cattcatttt	atgtttcagg	ttcaggggga	ggtgtgtgag	gtttta		286

<210> 1226

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (268)  
 <223> n = A,T,C or G

<400> 1226  
 aattccgttg ctgtcggcgc ggggcagcaa cagtcgcagg agatgatgga ggttgacagg 60  
 cgggtcagtg ctgaagaatc cggcgatgaa gaaggggaaga aacacagcag tggcatcgtg 120  
 gccgacctca gtgaacagag cctgaaggat ggggaggagc gnttgnagga nganttnnnn 180  
 nnnntntntnt ngtgcttnnn canttnnant nnncttcct nanagttngc tnnangnnnn 240  
 nnttttatan nntatcnnnn nnatcatt 268

<210> 1227  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (289)  
 <223> n = A,T,C or G

<400> 1227  
 aattccgttg ctgtcgcagg aagtgaggat acttctggcg agcgccggtt gctgtttctt 60  
 ctcaggctca gggaccggcc gcgccccgt aggggggttt aactcaaagt ggtgatgaaa 120  
 aggactcttg gaaagtgaat actttacatg aaattcttca ngaaaagaaa cgaangangg 180  
 aacangagga gaaagcagag ataaaacgct taanaaatc tgatgaccgg gattccaagc 240  
 gggattccct tgaggagggg gagctnanag atnactgcat ggagatcac 289

<210> 1228  
 <211> 264  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (264)  
 <223> n = A,T,C or G

<400> 1228  
 aattccgttg ctgtcgttt ttatcacctc ccctcctcac acctggtccg gcttacagtt 60  
 tcgttccgtg actagccctc cccacctgc ccagcaattt actcttaaaa aggtggctgg 120  
 agctaaagac atagtcaagg ttaacgctcc tttttcttta tccnnaatnn gatacgnta 180  
 agntcctttt tnaanncann ttannnnna gncnanntna tgncttnann cncnntnanc 240  
 ntgctgagac ncannaatnt ttaa 264

<210> 1229  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1229  
 aattccgttg ctgtcgggag tcggaacatc atcttcagcg ggctatttca gcacagcagg 60  
 tgtatggcga gaagagggat aatatggta taccggtccc agaggcagaa agtaatatg 120  
 cttactatga gtctatatat cctggggaat ttaagatgcc aaagcagctc attcacatac 180  
 agccttttag tttggatgct gaacagcctg attatgattt ggattctgaa gatgaagtat 240  
 ttgtgaataa actgaaaaag aaaatggaca tctgccatt gcaatttgag gagatgattg 300

<210> 1230  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1230  
 ctatctacgt acagccagac atgagaagat acattgatga ggttggacaa accacagcta 60  
 gaatgcagtg gagaaaatgc tttatttgtg aaatttgtga tgctattgct ttatttgtaa 120  
 ccattataag ctgcattaaa caagttaaca acaacagttg cattcattct atgtttcagg 180  
 ttcaggggga ggtgtggggg tggagttgtt caggtatctt gggatatata tatgcattct 240  
 aaaatctgta gcagcataac tcctttggga atcatgagac atttttgtct cttacctgtt 300

<210> 1231  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1231  
 aattccgttg ctgtgcagg aggaagccgc ctacatccaa gagatcacca cggcagatgg 60  
 ccagaccgta cagcacctgg tgacctccga caaccaggtg cagtatatca tctcccagga 120  
 tgggtgccag cacctgctcc cccaggaata tgggtgggtc cctgaaggcc atcacatcca 180  
 ggtacaggag ggccagatca cacacatcca gtatgaacaa ggagccccgt tccttcagga 240  
 gtcccagatc cagtatgtgc ctgtgtcccc aggccagcag cttgtcacac aggctcaact 300

<210> 1232  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1232  
 aattccgttg ctgtgccag gacctgggg aaaggaagcc agccccagg gccagtcccg 60  
 gaggggctga tccgcatcta cagcatgagg ttctgcccc attctcacag gaccgcctc 120  
 gtctcaagg ccaaagacat cagacatgaa gtggtcaaca ttaacctgag aaacaagcct 180  
 gaatggtact atacaaagca cccttttggc cacattcctg tcttgagagc cagccaatgt 240  
 caactgatct atgaatctgt tattgcttat tcttgagtat cagaacacca ccttctttgg 300

<210> 1233  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1233  
 aattccgttg ctgtgccca aaccactcc accttactac cagacaacct tagccaaacc 60  
 atttacccaa ataaagtata ggcgatagaa attgaaacct ggcgcaatag atatatgacc 120  
 gcaagggaaa gatgaaaaat tataaccaag cataatatag caaggatcct cctgtttacc 180  
 ctgtacctcc aatgtctggc acttgtaggt gtcacaaat tctgtgaatg aatgaaaaat 240  
 ccataattgta attgatgtcc tctggccaca tagtttttaa attaggtgat tgattatatg 300

<210> 1234  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (279)

<223> n = A,T,C or G

<400> 1234

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gttggtattca attttttatt taacatgatt tttctatata gttactgtcg aatgctagaa      120
gaaggctctt tccgagggtcg gacagcagac tttgtattta tgttcctttt tgggtggattc      180
ttaatgacct tttttggtct gtttgtgagc tgagttttct tgggccaggc ctttacaata      240
aggcacgtct ntgngtggnn cncnantgaa ccccttatg                               279

```

<210> 1235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1235

```

aattccgttg ctgtcgggtt gttaaaaatg tcatctcaag tcaagtcact ggtctgtttg      60
catttgatac atttttgtac taactagcat tgtaaaaatta tttcatgatt agaaaattacc      120
tgtggatatt tgtataaaaag tgtgaaataa attttttata aaagtgttca ttgtttcgta      180
acacagcatt gtatatgtga agcaaactct aaaattataa atgacaacct gaattatcta      240
tttcatcaaa ccaaagttca gtgtttttat ttttggtgtc tcatgtaatc tcagatcagc      300

```

<210> 1236

<211> 207

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(207)

<223> n = A,T,C or G

<400> 1236

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aattccgttg ctgtcgttca gttttggcgg agcaaagtcc tagagggtggc caaggacttc      60
cctgagtaca cctttgccat tgcggacgaa gaggactatg ctggggagggt gaaggacctg      120
gggctcagcg agagtgggga ggatgacaat gccgccttcc tgaacgacag tgggaaaaag      180
antgncnttt ngnnananga nnnngnt                                         207

```

<210> 1237

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1237

```

aattccgttg ctgtcgccca ggccatgaag cattatacag aagccatcaa aaggaacccg      60
aaagatgccca aattatacag caatcgagct gcctgttaca ccaaactcct ggagtccag      120
ctggcactca aggactgtga ggaatgtatc cagctggagc cgaccttcat caaggggata      180
gtcccccttc tgaaaacact cgttgccctt gttcttctcc tccaaagcca gctaaattcc      240
aaataccaga gactgaaatt ttcagccttg ctaagggaac atctcgatgt ttgaaccttt      300

```

<210> 1238

<211> 249

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(249)  
 <223> n = A,T,C or G

<400> 1238  
 aattccgttg ctgtcggctg acagctattt tgaaatttgg agcagaggat ctcttcaaag 60  
 aactggaagg ggaggaatca gaacctcagg aaatggatat agatgaaatt ttgcggttgg 120  
 ctganaccan agagaatgaa gtgtcancna gtgcncagat gaanttctat cacagantaa 180  
 ggttgtnaan ttgtcagcna tggangatgn gtaactnntn taaaancntg gncntgnttn 240  
 gtngggata 249

<210> 1239  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(269)  
 <223> n = A,T,C or G

<400> 1239  
 aattccgttg ctgtcgggac aacgccaagc tgggtgctgt gctctcagcc aaggcggccc 60  
 aagccagtga cctggaaaaa atccacctgg atgagaagtc tttccgttgg ttgcacaacg 120  
 aggaccagat ggctgtggag aagctttntg acgggacnng caagtttgcc ngtgatgcag 180  
 tnaagcnnnn ncgcttnctt gnnagatnga atgtntttat ngttaatngn aanantttgg 240  
 tntctanntg gtgtntntnt nattatgnc 269

<210> 1240  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 1240  
 aattccgttg ctgtcgatat ttggaggac ggggtgaagag gtaataacga aagcaagcga 60  
 gtgaattagg atttcaaagt gccctaatag tgtgagtctc cagttcctag aatatgaaga 120  
 gtgtgtcgt tgggtgaaa ccatgagact gacagatctg cctgaaatgg ggggtgtgta 180  
 angtgtcgt cctgagtggc nnggnnnngn ggntatgngn gntngngggg ngnggnntng 240  
 nntcggngnn gntnnncnnt gtgggnntgn tntntatntn ggnnngattt cggg 294

<210> 1241  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 1241  
 aattccgttg ctgtcgggtat cgccaccgtg ctgcagcacg aggagcgccg ctgccagtac 60

```

ctcacccggg aggccaagct gatcctggca ctccaggatg aggtgtccgc catggctgat      120
ggaaatgaag gtcctcagtc cccattccat cacatcctgc ccatttgctg cattgcccna      180
aacctnaagg aancttatga naggctgngn ncgtnagacg tantgcggtc tcacatnaac      240
anctggctng anntgagctt ttgcntgncc tacatgaacc actat                        285

```

```

<210> 1242
<211> 250
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (250)
<223> n = A,T,C or G

```

```

<400> 1242
aattccggtg ctgtcgaacc atccagatta gatgtcacca acagtgagag cccagaaatt      60
cctttgaatc caattttggc cttggatgat gaagggacac ttggggccct gcctcaggta      120
gatggtgttc agacacagca gactgcagaa gttatatgag tgntanttct gaanaaccnt      180
tgctgacttt ttntgnnaan ttnttacant nannгнаaatt tctttcctgn tctatnngat      240
cantntctcc                                     250

```

```

<210> 1243
<211> 266
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (266)
<223> n = A,T,C or G

```

```

<400> 1243
aattccggtg ctgtcggaaa gggctaaaca tgtgaggcct ggagatagtt gctaagttgc      60
taggaacatg tgggtgggact ttcatttctt gaaaaatggt ctatattctc atttttctaa      120
aagaaagaaa aaaggaaacc cgatttattt ctcttgaatc tttttaagtt tgtgtcgntn      180
tttncggcng aactaanttc natncnttga ncttanctnn tangctnggn cctcnatnctn      240
tnatnntnctg nagagatcga nncnnt                                     266

```

```

<210> 1244
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1244
aattccggtg ctgtcgaagt ggcttaggga tggggtagag tagttgactt atttggatga      60
aaaccactat cttctgtcag aaactcaaaa ggaatcattg ctggcatggt aacctaaaga      120
aaaacaacca gacaagtgcc caacgacact taaaaagggtg atttattagc ttgccaagtt      180
taggctgggc atggtgactc atgcctctaa tcccagcatt ttgggagggt gaggctggtg      240
gatcaccgga ggccaggact ttgagaccag cctgaccaat atggcgaaac ctgcgtccctg      300

```

```

<210> 1245
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1245
aattccgttg ctgtcgcaat taaacacccc agtgtgaatg agaacttctg caatgaaaag      60
gaaggggctc agttcagcag tcatcttata aatcttctga accctaaagg aaagccagca      120
aaccagctgc ttgctctcag gactttttgc aattgttttg ttggccaggc aggacaaaaa      180
ctcatgatgt cccagaggga atcactgatg tcccatgcaa tagaactgaa atcagggagc      240
aataagaaca ttcacattgc tctggctaca ttggccctga actattctgt ttgttttcat      300

<210> 1246
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1246
aatttcgttg ctgtcggtgg aagataacca caaggccgac atcagctcct ggttcatgga      60
agccatagag tacatcgatg ccggtgaagga ctgccgtggg cgcgtgctgg tgcactgcca      120
ggcgggcatc tcgcggtcgg ccaccatctg cctggcctac ctgatgatga agaaacgggg      180
gaggtgtggg aggttttnc aagtgttct gtagatancg tcantnggac tagatattcn      240
acaggccnta acttgantct attgccnntg tctttatnan atgtacnttt tatattctgt      300

<210> 1247
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 1247
aattccgttg ctgtcgga aaattaaagaa gatgatgctc caagaacaat agcttgccct      60
cataaaggct gcacaaagat gttcagggat aactcggcca tgagaaaaca tctgcacacc      120
cacggtccca gagtccacgt ctgtgcagaa tgtggcaaa cttttgttga gagtcaaaa      180
ctaaaacgac accaactggg tcatactggg gagtagccct ttctgtgctc gttctaaggc      240
tgtgggaaac gctttncnct gtcttcantt ngcncacn cn tgtgcga      287

<210> 1248
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 1248
aattccgttg ctgtcggccg agcttgacac cctcaacgag gactcctaca aggactccac      60
gtcatcatg cagctcctcc gcgacaacct cagctctg acgagcgacc agcaggacga      120
cgatggcggc gaaggcaaca attaaggccc caggggaact ggcagcgcac gcggatgcta      180
ctactgcagt ctttattttt ttcccatgag ttgggggtcg ggtgggggag gtgtgggagg      240

```



gnatgacctt cccagggaga aacccacgac ctgtcctgnc tttgatcgnc tctttgacat 300

<210> 1249  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 1249  
 aattccgttg ctgtcggcag tttggggaag tctggatggg ttactataac aacagtacca 60  
 aggtggctgt gaaaaccctg aagccaggaa ctatgtctgt gcaagccttc ctggaagaag 120  
 ccaacctcat gaagaccctg cagcatgaca agctcgtgag gctctacgct gnggncacca 180  
 gggaangagc ccattnacat catcatcgat tacntngtna agnccantnt gntgaatttt 240  
 ntgnttannn atnanngccca nnnnnntnnn tctacnaaan nntatttcta t 291

<210> 1250  
 <211> 231  
 <212> DNA  
 <213> Homo sapiens

<400> 1250  
 aattccgttg ctgtcgggtt tggaggccct tgcttttctt catcatgagg gctatgtcca 60  
 tgccggacctc aaaccacgta acatattgtg gagtgcagag aatgaatgtt ttaaaactcat 120  
 tgactttgga cttagcttca aagaaggcaa tcaggatgta aagtatatc agacagacgg 180  
 gtatcgggct ccagaagcag aattgcaaaa ttgcttgccc aagctggcct g 231

<210> 1251  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1251  
 tttggacaaa ccacaactag aatgcagtga aaaaaatgct ttatttgtga aatttgtgat 60  
 gctattgctt tatttgaac cattataagc tgcaataaac aagttaacaa caacaattgc 120  
 attcatttta tgtttcaggt tcagggggag gtgtgggagg ttttcannca ccacctgaca 180  
 cttttgctga agntgnagga canactgaac cggcncctga nctgngacct gatgccaanac 240  
 ganaatatnc cngagttggn gnntganctg nngcanntgg gctacagtt 289

<210> 1252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1252  
 aattccgttg ctgtcggaga cacattacac ctaaccaaca agaagaagga tcctccccct 60  
 tataatttaa ctatgtttac agggaaatgcg tacattgtgg cttcccagaga tttcgtccaa 120  
 catgttttga agaaccctaa atcccaacaa ctgattgaat gggtaaaaga cacttatagc 180

ccagatgaac acctctgggc cacccttcag cgtgcacggt ggatgcctgg ctctgttccc 240  
aaccacccca agtacgacat ctcagacatg acttctattg ccaggctggt caagtggcag 300

<210> 1253  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1253  
aattccggtg ctgtcggggg gatcaggata ctctgtctca cagacaccca tctcccccta 60  
ccaaaaataa cgctggagtc ctcttccac cctgactctg cctctctgtc tgcaggagcc 120  
tggctcgggt gctccacaga agctgtgcct gggcttggga gccaaaggcca tgcctctctc 180  
ccggccaggg gagacggagc ccatccacag tgtcagctat ggccatgtgg ccgcctgcca 240  
gctaattggg cccacacccc tggccttgag ggtgggagag agccagctcc tctgcagag 300

<210> 1254  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1254  
aattccggtg ctgtcgcgag ttcattccatc aatttctga ctcgagttag tggcattggt 60  
ccatctgctg caaggaagtt ttagatgaa ggaattaaaa cactagaagg ctcacagctg 120  
gattcatgcc cagtaaaggg acacctgaat ggaactgagt cacttttaga cttaatatgg 180  
gatgttatga caattcttaa gttaaaaaat gcagatctca gaaaaaatga agataaattg 240  
aaccatcatc agcgaattgg gctgaaatat tttggggact ttgaaaaag aattcctcgt 300

<210> 1255  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1255  
aattccggtg ctgtcgggtg cctggctgcc ctagcaaggc agtagaccca ggctgcctt 60  
ctgtgaagca agagccacct gaccagagg aggacaagga ggagaacaag gatgattctg 120  
cctccaaatt ggcccagag gaagaggcag gaggggctgg cacaccctg atcacggaga 180  
ttttcagcct ggggtggaacc cgcttccgag atacagcagt ctggttgcca aggtattacc 240  
accttgctct tgactggaaa tgcaactgtg gttaccacct gtgctgcagg tccgtcctgg 300

<210> 1256  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1256  
aattccggtg ctgtcggggg gatcaggata ctctgtctca cagacaccca tctcccccta 60  
ccaaaaataa cgctgggctc ctcttccac cctgactctg cctctctgtc tgcaggagcc 120  
tggctcgggt gctccacaga agctgtgcct gggcttggga gccaaaggcca tgcctctctc 180  
ccggccaggg gagacggagc ccatccacag tgtcagctat ggccatgtgg ccgcctgcca 240  
gctaattggg cccacacccc tggccttgag ggtgggagag agccagctcc tctgcagag 300

<210> 1257  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1257  
aattccgttg ctgtcgggtg ttgacgagct cggcggcggt tttgctgaga tctgtggccg 60  
tcggcagctg gtgcgggggg cagctgagag cgagaggtgg atcggggcgg tgtgtggcca 120  
gggccatgac gggcaatgcc ggggagtggt gcctcatgga aagcgacccc ggggtcttca 180  
ccgagctcat taaaggattc ggttgccgag gagcccaagt agaagaaata tggagtttag 240  
agcctgagaa ttttgaaaaa ttaaagccag ttcattgggtt aatttttctt ttcaagtggc 300

<210> 1258  
<211> 252  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(252)  
<223> n = A,T,C or G

<400> 1258  
aattccgttg ctgtcgaata aaagcaaaca gaacactcca acttagagca ataacggctg 60  
ccgcagcagc cagggaagac cttggtttgg tttatgtgtc agtttcactt ttccgataga 120  
aattttcttac ctcatTTTTT taagcagtaa ggcttgaagt gatgaaaccc acagatccta 180  
gcaaattgtc ccaaccagct ttactaaagg gggaggtgtg ggaggttttg ggatganaan 240  
acnngtttcc ca 252

<210> 1259  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1259  
aattccgttg ctgtcgcgtt cctgtctgag ccccaagcca cctcagggtc aagagcaaca 60  
gggccaagag gatgaagtgg tcttggttga agggcccacc ctcccagaga ccccccgact 120  
cttcccactc aaaatccgtt gccgggtga cctgggtcaga ttgcccctca ggatgtcgga 180  
gcccctgcag agtgtggtgg accacatggc caccacactt ggggtgtccc caagcaggat 240  
ccttttgcct tttggagaga cagagctatc acctactgcc actcccagga ccctaaagct 300

<210> 1260  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1260  
aattccgttg ctgtcgctga aggtcatcag gcagtctgct gggcaaaaga caacctgtgg 60  
ccagggtctg gaagggccct gggagcgccc accccctctg gatgagtccg agagagatgg 120  
aggctctgag gaccaagtgg aagacccagc actaagtgag cctggggagg aacctcagcg 180  
cccttcccc tctgagcctg gcacataggc acccagcctg catctcccag gaggaagtgg 240  
aggggacatc gctgttcccc agaaaccac tctatcctca ccctgttttg tgcttttccc 300

<210> 1261  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1261  
ccgcactata gaatacaagc tacttgttct ttttgcagga tcccatcgag aaaaaactgg 60  
ccatgcagaa gtcgtccgag tgggtgtacca gccagaacac atgagttttg aggaactgct 120

```

caagggtcttc tgggagaatc acgacccgac ccaagggtatg cgccagggga acgaccatgg      180
cactcagtag cgctcggcca tctacccgac ctctgccaag caaatggagg cagccctgag      240
ctccaaagag aactaccaa aggttctttc agagcacggc ttcggcccca tcaactaccga      300

```

```

<210> 1262
<211> 295
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

```

```

<400> 1262
acgtacatcc atacatgata agatacattg atgagtttgg acaaaccaca actagaatgc      60
agtgaaaaaa atgcttttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta      120
taagctgcag taaacaagtt aacaacaaca cttgcattca ttttatgttt caggttcagg      180
gggaggtgtg ggaggnnttn ntggatctgn ccgncncncc nangtncaen ncntgcnnngt      240
ggcngangnt nccntcaagc cctngnnttn ngntcctttc attgtccaac aatga          295

```

```

<210> 1263
<211> 256
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

```

```

<400> 1263
gctatctacg tagatccaga catgataaga tacattgatg agtttggaca aaccacaact      60
agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttgta      120
accattataa gctgcaataa acaagttaac aacaacaatt gcattcattt tatgtttcag      180
gttcaggggg aggtgtggga ggttgcccn tngcaaaggn gnnctaggct ctctngngna      240
ttnnnngttt tcccga          256

```

```

<210> 1264
<211> 205
<212> DNA
<213> Homo sapiens

```

```

<400> 1264
gctatctacg tagatccaga catgataaga tacattgatg agtttggaca aaccacaact      60
agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg atgctattgc tttatttgta      120
accattataa gctgcaataa acaagttaac aacaacaatt gcattcattt tatgtttcag      180
gttcaggggg aggtgtggga ggttt          205

```

```

<210> 1265
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1265
aattccgttg ctgtcgtgaa aaggcaggtc ctctgttatg aactatttca gagcaagacc      60

```

cgtcacagaa	aatttaaaga	aattcaagtc	ccatataatg	tccagtggat	ggcaatcttc	120
agtgaacaac	tctgtgtggg	attccagtca	ggatttctaa	gatacccctt	gaatggagaa	180
ggaaatccat	acagtatgct	ccattcaaat	gaccatacac	tatcatttat	tgacatcaa	240
ccaatggatg	ctatctgcgc	agttgagatc	tccagtaaag	aatatctgct	gtgttttaac	300

&lt;210&gt; 1266

&lt;211&gt; 239

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(239)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1266

ctatctacgt	agatccagac	atgataagat	acattgatga	gtttggacaa	accacaacta	60
gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgtga	tgctattgct	ttatttgtaa	120
ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cattcatttt	atgtttcagg	180
ttcaggggga	ggtgtgggag	gttttntnn	nnnnnnnnnn	nnnngntttn	ntnnnnnnng	239

&lt;210&gt; 1267

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1267

aattccgttg	ctgtcgcttc	cattcagctc	ttggggtgaa	gccttattcc	tgatgetcca	60
gacgatcacc	atctgcttcc	tggtcatgca	ctacagagga	cagactgtga	aagggtgcgc	120
tttctcgtct	tgctacggcc	tggtcctgct	ggtgcttctc	tcacctctga	cgcccttgac	180
tgtatgcacc	ctgtccagg	cctccaatgt	gcctgctgtg	tggtggggga	ggcttctcca	240
ggcagccacc	aactaccaca	acgggcacac	aggccagctc	tcagccatca	cagtcttctc	300

&lt;210&gt; 1268

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1268

aattccgttg	ctgtcgctac	cattgcaaga	ccccagattg	caagggatgg	tgcttctttg	60
aggatgatgt	caatgagttc	acctgccctg	tgtgtttcca	cgtcaactgc	ctgctctgca	120
aggccatcca	tgagcagatg	aactgcaagg	agtatcagga	ggacctggcc	ctgcgggctc	180
agaacgatgt	ggctgcccgg	cagacgacag	agatgctgaa	ggtgatgctg	cagcagggcg	240
aggccatgcy	ctgccccag	tgccagatcy	tggtacagaa	gaaggacggc	tgcgactgga	300

&lt;210&gt; 1269

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1269

atgaaatctc	tttcatccga	gcaggagaag	gtgctcttaa	acaagccttg	gcaaatgcaa	60
cattatgtat	tcttgaacct	attatggctg	tggaagttgt	agctccaaat	gaatttcagg	120
gacaagtaat	tcaggaatt	aaccgacgcc	atggggtaat	cactgggcaa	gatggagttg	180
aggactatatt	tacactgtat	gcagatgtcc	ctctaaatga	tatgtttggt	tattccactg	240
aacttaggtc	atgcacagag	ggaaagggag	aatacacaat	ggagtatagc	aggtatcagc	300

<210> 1270  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1270  
 aattccgttg ctgtcggcaa ctcgaggag aagaccccg cccccaggct agctgcggag 60  
 aaaaccaaga aggaggagta catgaagaag ctgcacatgc aggagcgtgc tgtggaggag 120  
 gtgaagctgg ccatcaagcc cttctaccag aagagggagg tgaccaagga ggagtacaag 180  
 gacatcctgc gcaaggccgt gcagaagatc tgccacagca agagtggaga gatcaacccc 240  
 gtgaagggtg ccaacctggt gaaggcgtag gtggacaagt acaggcacat gcgcaggcac 300

<210> 1271  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1271  
 aattccgttg ctgtcgagca ctgcgagatt tctgaaagga caggacgaag atcaagtgc 60  
 cagtgttcct atagcacaaa tggggaacta ccaggaatac ctcaagcaag taccttctcc 120  
 actaagagaa cttgatcctg atcagccacg aaggttgcac acatttggca acccctttaa 180  
 gctggataag aagggtatga tgatagatga agcagatgaa tttgtggctg gacctcaaaa 240  
 taaacataaa cgacccggag aaccaaatac gcaagggatc cctaaaagac gtcggtgttt 300

<210> 1272  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1272  
 aattccgttg ctgtcgatgc gaccaagggc atcactcggt gcctcctgaa tgaaacaacc 60  
 aacaataaga acgagaagga gcttgtgcta aacacagaag gaatcaacct cccagagcta 120  
 ttcaagtatg cagaggtcct ggatctgcgc cgcctctact ccaacgacat ccacgccata 180  
 gccaacacgt atggcattga ggccgcgctg cgggtgatcg agaaggagat caaggatgtg 240  
 tttgccgtgt atggcatcgc ggtcgaccct cgccatctct ccttggttgc tgattatatg 300

<210> 1273  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1273  
 aattccgttg ctgtcgaatt ggtttggcac ctactacagg atgatccaga ccaacttcat 60  
 tgacatggag aacatgtttg acttgctgaa agaggagaca gaagtgaagg accttcctgg 120  
 agcagggccc cttcgccttc agaagggccg tattgagttt gagaacgtgc acttcagcta 180  
 tgccgatggg cgggagactc tgcaggacgt gtctttcact gtgatgcctg gacagacact 240  
 tgccctggtg ggcccatctg gggcagggaa gagcacaatt ttgcgcctgc tgtttcgctt 300

<210> 1274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1274  
 aattccgttg ctgtcggcat tcgcattcct gctctcttac ccccaacgtc cacagagctg 60  
 gatgttcttc acaatgtcca agtggctgca gtggttggca ttggccttgt atatcaaggg 120

```

acagctcaca gacatactgc agaagtcctg ttggctgaga taggacggcc tcttggctcct    180
gaaatggaat actgcactga cagaaagtca tactccttag ctgctggctt ggccctgggc    240
atggtctgct tggggcacgg cagcaatttg ataggtatgt ctgatctcaa tgtgctgag    300

```

```

<210> 1275
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1275
aattccgttg ctgtcgagca gcggaagcgt gaggtgagg agcggcgccg cttccccctg    60
gagcagcgac taaaggagca catcattggc caggagagcg ccatcgccac agtgggtgct    120
gcgatccgga ggaaggagaa tggctggtac gatgaagaac accctctggt ctccctcttc    180
ttgggatcat ctggaatagg aaaaacagag ctggccaagc agacagccaa atatatgcac    240
aaagatgcta aaaagggtct catcaggctg gacatgtccg agttccagga gcgacacgag    300

```

```

<210> 1276
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1276
aattccgttg ctgtcgctta cttctcacac ccagccatcc gctatcaccc tcaggagacg    60
ctgaaagaat ttgtccaact tgtctgccct gatgctggtc agcaggctgg acagggtggg    120
ttctcaatc ccaatgggag cagccaaggc aaggtgcaca acccattcct tccccccca    180
atgttgccac cgccaccgcc accaccgatg gccaggcctg tgctctgccc ggtgccagac    240
acaaagcctc caaccacgtc aacagaagga ggtgcagcct ccccccacgtc accaatcctg    300

```

```

<210> 1277
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

```

```

<400> 1277
aattccgttg ctgtcggtct tgatcttctg acctcgtgat ccaccgcct cggcctccca    60
nagnctggg attacangcg tgagctaccg tgcccggccn catatnctt aatganaact    120
ttnttgaaan ccttcattat ttctgtgnc ttgganttag gnancagaga ttcataaggta    180
ccttnagaan ganagaaatn tctctacnca natgagtcnt ccanncctgg aagnnataat    240
nnaactgnnc tcactactcc aanctttaag aagctnnatg angctcattn taaggaa    297

```

```

<210> 1278
<211> 289
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

```

```

<400> 1278

```

```

aattccggtg ctgtcgggtg acccgccaag gcagcctctt cctccataga tggatgaacg      60
ctgtggcgcg tgctcctgcc tgggccatgc cctgatgctg ccaacaccac tgctcctcta      120
tttataagnn ttagtacagn tgnatgacct ttcaatannt gaacagnnga tatgttcttn      180
acantaagnc nannnctnna tangaatnnn tcantgnant nnncataaat atatnccttn      240
ncnanatcna nncnttntna ntagannaann tcnttttnatt nntattctt      289

```

```

<210> 1279
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 1279
aattccggtg ctgtcgagcc tgctgcccc caggtgaaat aaacagccat gttgctcaca      60
caaagcctgt ttggtgtctc ttcacactga ctcgagtga ctttgatgcc ntggctanta      120
tattttcant atntnttatn anattatntt tncntccttn ttnttttttn nnnnttttta      180
aagntntntt ttngntntnt ttnttttttt nntnncnntc ttttntnct nnattntctt      240
cnntatcttt nntantnctt ttctntnnnt nntgattnnt nttncttttt tgat      294

```

```

<210> 1280
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1280
aattccggtg ctgtcggaag acaggtggcc atgaaacaga tggatcataga attgggtcag      60
tggttggtgag tgcagcaacc caagagtgtc ttatctgaaa taccaccagg aatgtctgga      120
cacagtagac aaagtthttt caactggacg ccttaggata catgcttcca aaaacaaagt      180
agccaaaaag aaaccagagt cacagaatat cagagccaaa ggaacatttg gaggtaatc      240
agtacctctt ccttttcaac ctacagggga gatagtggaa gagaagcagg gatgggtctg      300

```

```

<210> 1281
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1281
aattccggtg ctgtcggaag agagcccgaa actaaacagg gaggaatcca ccatttagaa      60
gtctggcagg caaagaggac aagagagtgt caatgaagac ctcaaagtct ggagaaaaat      120
gacctttcat ggaataagaa gtatacctcc ttctacatgt ttttgtctta ctgacctctg      180
ataactggaa cacatgactc tgggtctgta gaaagtcaac tgatcaaact catcctcacc      240
atgcatcaac tggtcagact ggttttggga caaaaagatc tttcacgagc tggggacctc      300

```

```

<210> 1282
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

```



&lt;400&gt; 1282

aattccggtg	ctgtcgagcaga	atcttaactt	atcttaaatga	tatttaccta	tcctttttgc	60
aactcacaac	tgactttgtc	acagaggtaa	tgcatctgct	tcaggaagt	agctgtaggc	120
tcagtacctg	ttgtttgagt	cagatttagc	agatttggtt	tttaagcttg	tgggtttgtg	180
ctaatttggg	cagaatatat	ttattatata	tgtgtgtgtg	tatgtgtgta	tgtgtgtgtc	240
tgcatacgna	ntacctgtac	atagacacac	atgcatgtgg	tcaccc		287

&lt;210&gt; 1283

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1283

aattccggtg	ctgtcgccag	ggctgagaag	ataaggctac	ttataggggc	gggaagcatt	60
gaagctggtt	tctggcccta	gcgctcccct	gcgatgagat	gtgggagcca	gtgtgtccct	120
gcctgtccat	cctgtgcacc	cccagctttc	cttgtcacct	gaaaccacct	ctgagggaa	180
gtggtggcgt	ctcagatgca	tgggcatgtg	gctggtcagg	tggcctccat	cccaggggtg	240
cccgtctgtg	tgacctccct	ctgggtgctg	tgggcttgc	ccaggggtgca	ggtgcaaccc	300

&lt;210&gt; 1284

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1284

aattccggtg	ctgtcggttt	cggccaatct	gttacctcag	tgttgccatc	ttcattgcc	60
aagcctcctt	ttgggatgtt	gtttggatct	cagccaggtc	tttatttgtc	tgctttggat	120
gctacacatc	agcagttgac	accttcccag	gagctggatg	atctgataga	ttctcagaag	180
aacttagaga	cttcatcagc	cttccagtc	tcctctcaga	aattgactag	ccagaaggaa	240
cagaaaaact	tagagtcttc	aacaggcttt	cagattccat	ctcaggagtt	agctagccag	300

&lt;210&gt; 1285

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1285

aattccggtg	ctgtcgggct	gcagttccgg	ctacctgtgt	agtcagagtt	tccacagcca	60
ggtactactc	cgccagtgc	cctggacagt	aacaaaacat	ataaagccc	agcccaaacc	120
ccgccaccat	catagtgtgg	gaattttgct	gtcctcgtgg	atcttcatat	cttgccacaa	180
ggttcaaaca	aagatacaag	ctggttttct	gaacagaaga	aagaggaagt	ctgtttactg	240
ttaaaagaaa	ccattgattc	aagagttcag	gagtacttgg	aagttcgcaa	acagcacagg	300

&lt;210&gt; 1286

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1286

aattccggtg	ctgtcggctc	caggccactg	cgccaccg	ctgggtgctga	gcagaagcgg	60
gcagaagtgg	ggtctgcttt	caggacttca	tttccccac	tcgttccggc	cccgcagtgt	120
ccacgtctgc	cctttggtct	gagttaaaac	tcgatgctg	aaaagtgcga	gctctttcca	180
cgaggaggag	ccacacagg	tggcctccga	gggtgagtcg	ctctgctaag	caagggcagt	240
cgctgcacgt	cagcccgcag	gccaagggtc	cagcttatcc	tgggtgctct	gtgatcagaa	300

&lt;210&gt; 1287

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(292)  
 <223> n = A,T,C or G

<400> 1287  
 aattccggtg ctgtcgagaa ttcggaagaa gccgggaccc aagcccggat ggaagaagaa 60  
 gcttcgttgt gagagggagg agcttnccnc catntnnann tttntttacc atngnctggn 120  
 ctttcttcta cnnnnntnt atnntgngtt ntttttcttt nantcnnntt ttttttantt 180  
 tttttnnncc nttgtttttt nttccttntn ttntntntnt tntntttntt ttntctnttn 240  
 gttttntan tacttttttn tnttcttttt ntgtttattg gntttttgtt ct 292

<210> 1288  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1288  
 aattccggtg ctgtcgggtga ccaaaggaa agggcaacag caggagccct gttagtgtctg 60  
 ccagaacacc aggaagcctt gtgggaggcg tattgtccaa gatgatgcgt attgtccaaa 120  
 cgactcagaa gaagtcattt ctgaagggtt gatcataact tccctagcca tgttttacct 180  
 acagagaact tagttagaat ttatgagtac agtatgttaa attactttta gtgtacctta 240  
 ggcagtgtat ttgttttgat acagagacaa agactatatg atccctgaga ctgtgtgcct 300

<210> 1289  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 1289  
 aattccggtg ctgtcgggtt ttgtctgggc ttgtctagca gtggaattct gcctgagttc 60  
 atcatttttg tgactggtac ttgaagtga tcagatgatt aatttcatga taagagggct 120  
 ttttgccgtg gtgaaataga catttatgga aaatgggata cccacattaa gcagggtgac 180  
 tacctgttta ccatacaacc cacacaaagc caatacaact atggatgngc tttatatant 240  
 ctgntgcctc tgcaaacatt gaccgtg 267

<210> 1290  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1290  
 aattccggtg ctgtcgggac cactccagaa ttggccgctg gcggtatcat ggcgacccgg 60  
 aacccccctc cccaagacta tgaaagtgat gacgactctt atgaagtgtt ggatttaact 120  
 gagtatgcaa gaagacacca gtggtggaat cgagtgtttg gccacagttc gggacctatg 180  
 gtagaaaaat actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca 240  
 ggatttctgt tccagaaagt tggaaaactt gcagcaactg cagtaggtgg tggctttctt 300

<210> 1291  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1291  
 aattccggtg ctgtcgctga aagtaagaga aacagactct agctagttaa agctggaaaa 60  
 taaattatta aaactattct gtagctcata gcatctccag cagggctaga gagttagcca 120  
 ggaataatgt cccaaaggtc acagccaagc cagcctggca gagccaccct ggacactgat 180  
 accactgttt gccaatgcca ttgatttggg ccctgggtgg tggcactaag ggctcactcc 240  
 cctaagcctc tggaaacagg atttggctgt caccaccctc ccagggtgca tttttcttgg 300

<210> 1292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1292  
 aattccggtg ctgtcgcaat ggcactgctt atctccgaaa tgggtgtgatc gtctcctcat 60  
 tgagcagcgg ctgccaccgc gctgtgggta gtgtgtgacc gtggctgtac tgtatagtga 120  
 acatagttag catatctttg tttgaagttt gttggtgact ccaccaaact ggtgtgaaaa 180  
 aagaaaaaag ctcaaaaaaa tccacaaaaa gacaaaacac acaaaaaaaa tcctgcctat 240  
 attttactca gtttcaaact ttattagtct atttttaatt ataaaaccag aaagctacaa 300

<210> 1293  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (293)  
 <223> n = A,T,C or G

<400> 1293  
 aattccggtg ctgtcggcag atgacctcaa agcacaactg gagttggctc agaagaagct 60  
 acatgatattt caggatgaga tcgtggagaa cagtgttacc aaagaaaagg acatgttcaa 120  
 tttcaaacga gcccaggagg acatctctag acttcgcagg aagctggaga ccacagagaa 180  
 accagacaat gtacccaagt gtgatgagat tctgatggaa gagantaagg attacaangc 240  
 tcgctngacc tgnacngct antccatgng taattgganc tngntattca tat 293

<210> 1294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1294  
 aattccggtg ctgtcggagg gcaggagcat tcattctctgt ggccacatgt ttggtccagt 60  
 gctctgacaaa taacattcaa cttgtaggaa caagtgatag cagagcatcc tttctcagga 120  
 acaaggccca tcccctgggt agctgtccca ctggagtccc aggtccctaa cctgtggcct 180  
 aggtagacct taggatttgc ctactgatg ccaatgagtt gctgctgctt acttttgaaa 240  
 caaagtgttg gcatgttcca gctgctgca ttcaattgcc tttcagacag tgtggtgccc 300

<210> 1295  
 <211> 284  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(284)

<223> n = A,T,C or G

<400> 1295

aattccggtg ctgtcggagg attcctaagg tgtcagcatt ttgtaaaggt accacaaagg	60
agaagttgat agggaaatcta attttagaat gtgccaaatg gtctgtgctc aacaatataa	120
ttgaactctc tcaactctac ctcaccattt ctttatctca aaattctgnc ggctttgtna	180
naccnncgat ntnntntntg nnnncnancnn gannnnncnaa ncanttacnt nngntngccn	240
tgttntntnc tcnnnnctcg ncgttatntn atccnnncac atac	284

<210> 1296

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1296

aattccggtg ctgtcgggtcc cgggctcaca gtggcacgac tgaatcctca gaggcggctg	60
gcttttgagc tctcacgatg ggggaggagg gggcgtttct ggttcgagc tccagaggat	120
tgcgttcctt ccccatacc tgtccccac agtcacgctc tgccctgacg tgcagcattt	180
gacaagttac cccctcgcca catactactt ccaccacgt ccgagttaac tttgttctta	240
accttcttga gactaccctc ggctccagg tcttttttcc ccagttcatt tttgccata	300

<210> 1297

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1297

aattccggtg ctgtcgggaa aagatgcacc gattgctctt aagaggaaac tggagatgaa	60
agccttgagg gaattagaca gattttctgt tttgaatagc caacacatgt ttgaagtact	120
agctgccatg aatcacgat ctcttatact cctggatgaa tgcagtaagg tggctcctaga	180
taatatccat ggggtgctct taagaataat gatcaacata ttgcagtcct gcaaagacct	240
ccagtaccat aatttgatc tcttcaaggg acttgcagat tatgtggctg caactttcga	300

<210> 1298

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1298

aattccggtg ctgtcgaagg agtcctccat ccagaagggc aatatccgac agagacagaa	60
gtgcctggaa tctcaaaggc agaacaacca agaaacccca aacctaaagt tgagcccctg	120
tgccaaggtc aaaggcgaag atgcaaagtc ccaggatatg gccttcacat acaccagca	180
gatcctccag gaggagctgt gcctgtcagt catcacctg ttccctggcg cccagtggt	240
tcttgtcctt tgcaagaatg gagatgaccg acagcaatgg accaaaactg gttcccacat	300

<210> 1299

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1299

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aattccgttg ctgtcgaacg tacctgtggt ccctggatcc agtgctactg ctacaaataa      60
gatcactatt atcttcaaag cccaccatga gtgtacagat cagaaagtct accaagctgt      120
gacagatgac ctgccggccg cctttgtgga tggcaccacc agtgggtggg acagcgatgc      180
caagagcctg cgtatcgtgg aaaggagag tggccactat gtggagatgc acgcccgtca      240
tatagggacc acagtgtttg tgcggcaggt gggtcgctac ctgacccttg ccatccgtat      300

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<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1300

```

aattccgttg ctgtcgggtc cgggccagga gggtcacaga tgcaccacaa ggcactctgt      60
gtggcactgg gaacaggaat tctgggagtc agtctgcaag ggtgggtggg gttgctcacc      120
tgggagaagc ctttagagtg ggcgttgagc aggccattag ctctgtccct gaggaggtgc      180
atggggcgga tgggctctcc atggaaatta tgtgggcgcg aatggatgtg gctctgcgtc      240
cacctgggag aggacttctg gccggtgccg gggcactctg catgaccctg gcagaatcga      300

```

<210> 1301

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1301

```

aattccgttg ctgtcgctga agatcacaaat aaataaaaca gttgctgtca atacaactcc      60
ccttattttc tctcaagtca cctggatcgt cctgaccccg ggaaccccg ctgcagcacc      120
aggccccctc cgtggagaaa agatggagcc ggattaagca cccagtgtca aggcgactaa      180
gacgccactg cccgcaggcc ctgccggaaa atactcagag agtgcagcag gcgccgcgat      240
tccttagaaa gtgctggcgt ggcctctcct gacacagaaa gccggctcct ggatgcttac      300

```

<210> 1302

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1302

```

aattccgttg ctgtcgggtg gccagttcac actccgggtc agagtctctg gcccggtgca      60
cctgagaggt cgctctccga ctcccgcgtt ggaccctctt gcgccattga accccctgat      120
ccgggggctt cggacccagc ggctcaggag atggatccag tccctggcgc tcctacttcc      180
caactgctcc tcctcccga tcccacagt acccgtcctt cacagcgggc tgtgggtcca      240
atcagacttt cccctcggat tcctctctag gactgaacca agacttacc gaagtgcgcg      300

```

<210> 1303

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 1303

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aattccgttg ctgtcgctgc tategaactc atcatcctta tggaggtctt caggggcccc      60
agagacactg cagagagtgt cagggatttc cttccccaca acagaattgc tgagggtctg      120
ggaagcatgg agggaggaag cagaattgcg ggaccactgg cgcantgnnn ggatcangag      180

```

ctatacttct tccngaactg atcnntgntn cctgcatntt ntgcacnagg nnnnaggatn 240  
ancttntaat anannctgnt gtnnntcctn agnnantnnn gtnngttcta agg 293

<210> 1304  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1304  
aattccgttg ctgtcggaga ctgaaataaa ttgtatagtt acttaactaa tgaagacatt 60  
tcagaactct gggatgattt taatcttgaa gtagtaggtg gtatagtcac aaaaccattc 120  
atcccccttc tgattgtatc ttaattttct ggctttaagg cgacatctga gaggtaatgc 180  
attctttttt atattgaaat cataaactat caccgctgc ttctctgagt tacttttaat 240  
tttgccctgt ggttatgggt tggcggttcc ttctgtttgg ttttcagagc cccatgtcta 300

<210> 1305  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1305  
aattccgttg ctgtcggaaa atattagcta ctcaaataag taggcttctg aaatagtttt 60  
aactgcaagt gtgttaactt gtgtggtggt ttgaagccat tttcccaat aaagtattta 120  
aacaccactt tatgtactga agcatgaaca gaaaaatcaa gagctgagca gaccacctcc 180  
tttatgtagg caaaacttcc atcattttgg cttttgttct aaacagaact aaatgacatg 240  
catagcatgg taacttacag atcgcttaat tggagtaaaa ctcagagtaa tagagggaaa 300

<210> 1306  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1306  
aattccgttg ctgtcgcac agccctgctt tctcccgtc cgtgactttg catcagttgt 60  
catgaggatg attaaataat ttagcactta gccccctgct gtactccttg gcctggatca 120  
tgaccacacc gaaggagtgc ccaccagcaa gagacctgga gacatcccca attcctgcaa 180  
gcagaatctg ggaatgaacag tctgcatgcc tctcgccacc tgtcccaggg attccctggt 240  
ccacaagaca cttgggatct gcttgcacg catcatgcgt aactaatagt gcagagggaat 300

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<213> Homo sapiens

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<223> n = A,T,C or G

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 aggagagtg accattctag tctaaataac aaatatttga atggatgtgg agaaatatca 180  
 gtttcagaaa tgaatgaaaa gttcacaaact ctgtgttata ggaagtataa tgatgtctct 240  
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<210> 1311  
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 <212> DNA  
 <213> Homo sapiens

<400> 1311  
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 <212> DNA  
 <213> Homo sapiens

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<223> n = A,T,C or G

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<210> 1313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1313

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<210> 1314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1314

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<210> 1315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1315

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<210> 1316

<211> 300

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1316



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&lt;210&gt; 1317

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1317

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&lt;210&gt; 1318

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1318

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&lt;210&gt; 1319

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1319

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gccactggaa	atttaatggc	ttaggaaggg	atgggtttca	tatgcagagt	gaaactttaa	300

&lt;210&gt; 1320

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1320

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&lt;210&gt; 1321

&lt;211&gt; 270

<212> DNA  
<213> Homo sapiens

<220>  
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<223> n = A,T,C or G

<400> 1321

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gcttgngggc	ctcattccat	gtgngcctgn	gcctggggca	tggacnntgn	taagcanagn	240
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<210> 1322  
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<212> DNA  
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<400> 1322

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gactaccgat	tcaaccatca	ctgcaaagac	cacacagtct	ctgggtgatga	ggattactgt	180
cctcgcagta	agaaagcaaa	cttaggtaaa	aatgcaagca	tgaacacaca	acatggaaca	240
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<210> 1323  
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<212> DNA  
<213> Homo sapiens

<400> 1323

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<210> 1324  
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<212> DNA  
<213> Homo sapiens

<400> 1324

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tgatgggtaa	cctggttatg	tttcgaaaag	actcagttct	caacatactc	attcagagcc	240
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<210> 1325  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1325

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&lt;210&gt; 1326

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1326

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&lt;210&gt; 1327

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1327

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&lt;210&gt; 1328

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1328

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&lt;210&gt; 1329

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1329

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 <212> DNA  
 <213> Homo sapiens

<400> 1331  
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 <212> DNA  
 <213> Homo sapiens

<400> 1332  
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<400> 1333  
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<210> 1334  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1334  
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<210> 1335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1335

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<210> 1336

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1336

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1337

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<210> 1338

<211> 300

<212> DNA

<213> Homo sapiens

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 atatgcactt tggggctatg acttctgcca tgggtattcg cttcaagtct tactgtccca 240  
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<210> 1339

<211> 300

<212> DNA

<213> Homo sapiens

&lt;400&gt; 1339

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&lt;210&gt; 1340

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1340

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&lt;210&gt; 1341

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1341

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aattccggtg ctgtcgaaga cttttatctt gctttcaggg aacttgcagg taaccaaaca      60
gataagactt gatggatgaa ataaccacag tcagtgctag agttaatggt gtatgcagta      120
agggtgaaat aaaataatga aagcccatag gtatttctaa gggggctttc tagattctac      180
gattgatctt tcatattttc taccttccac ttacacaaa aaggcacatt agccagacat      240
cccaaatagt acattgtggt gagaggcctt ccacaccacc agagagacaa atcagaatgt      300

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&lt;210&gt; 1342

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1342

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aattccggtg ctgtcggacg gggttctcac catgttggcc atcctggtct tgaacttctg      60
accccaaatg atctgcctgc cttggcctcc caaagtgttg ggattacagg cgtgagccac      120
tgcgcccagc cttgaggtag catactttct gaaataaaaa agtagattat gtccgaagca      180
gttgacctaa aaactgcctt ggactgacat ttgttaggtg gtctaagatg ttctcttcac      240
gctttgcaaa aaaatgagct tttttggagt ttaaattaag catccctctg gtgtgtttgg      300

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&lt;210&gt; 1343

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1343

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aattccggtg ctgtcgggtg ggagaacatg gatatggatg taatgtcctt ccttttctgt      60
ttctttgcac aaatttcagt ggaaacatgt tgccaagtca gatcgccatt ctacttgagt      120
gaatatggaa ttgtccagt tttccaaatg cagagctttt tgtggggtga tggactgaat      180
agaaagagga acaaccatac acccttctac agatgaaggc aagattttat gaaagcgact      240
tcattcgttc tcctctgcct ggtgttctct ctttgtaaac caggaccagg gagctttgaa      300

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&lt;210&gt; 1344

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1344  
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 gcgaggactt ctggccggtg ccggggcact ctgcatgacc ctggcagaat cgagctgccc 180  
 tgactatgaa aggggaagaa gagcatgcct gaccctccac cggcacccca cccctcactg 240  
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<210> 1345  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1345  
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 aacggcagct ttcagaaaag gagcagcaat tgggtggagaa atcaggtgag ctgttggccc 180  
 tccagaaaag ggcagattct atgagggcag acttcagcct tctgcggaac cagtctctga 240  
 cagaaaagaa gaaagctgag aagcagggtg ccagcctgaa ggaagcactt aagatccagc 300

<210> 1346  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1346  
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 cagagtgtct cagccttcac ttccctttgt gtctctagaa atttacttac actcattatt 180  
 ttccatctgg gtttgagatt gaacagggtc atctccccc ttactgcca ccccccagg 240  
 cctgggtttc tggagcgtcc ctgccttttt catttttgtc tccagaaacc atatacagc 300

<210> 1347  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1347  
 aattccggtg ctgtcgactt cctgaattac tgacccaage caaacagaaa caataaccct 60  
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 agtcccttta atgtttttgc ttctaaattg taccttttgc ttctgatttc ttctccctg 180  
 ctgtttcctg cccatcagag aggcctgata caagcaagtt tgtttacatc cctggggaat 240  
 cttttacatc aaacttttgg gatccaaatc catctccttt taaatttcaa tctcagcacc 300

<210> 1348  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1348  
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 acaacagaat catcaaaaat ctggccggtg atgggacctc agagtcactt gaggaagcaa 120  
 catttgagca gcatctagga gccttctggg aaaagatgga gaaaactaaa gacgttaggt 180

ttattgcaaa ccaatcaatc atactcactg atcacctact agaggaaacc tgtgataaca	240
cttggtggga gatttataga aagaagacgt atttgcacat caggatttta catcatgatg	300

<210> 1349  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1349	
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cagcctgtat ttaacaggcc aggaatgtat aatcctgttt tcagagagaa gcaccaaaca	120
caaggaacaa taacaaagac actgtggagt gtcctaagag gcttgagcgc gtcataaaat	180
aaaactgtac ccatgaatgg atgaccatgt agatgggtca cctctccttg cgacctaact	240
gaaccacacag tagaaccaca gtagaaacca cctccaagtg aggttcctac aagttctgtc	300

<210> 1350  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1350	
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gctatcttca agaaccggaa gagaccactc ccaccccccac ccgcgccctg ctttcgctct	120
tctctgcaat ggggtctccg aaaggagaag actgcagccc tgtgaccctg gaggtttgag	180
ctctcctatg ctgtctcaaa aaactgcctc cttctaggga agggcttcca aaccctcacc	240
ctgatctcac cttcagcctt acccgccagc tatgatccac tcgactgtga acttaaaactc	300

<210> 1351  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1351	
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catgaaatga aaccagtttt aaaacaacgg atgtcagagt tcctgaaaga ctgtgcagag	120
cgaattataa ttttaaagat tgtccataga aggataatca acagattcca ctctttttta	180
ctctttatgg gccatccacc ttatgcaatt cgggaagtga acataaaca attctgcagg	240
attattagtg aatttgcact agagtatcgc acaaccaggg aaagggtttt gcagcagaaa	300

<210> 1352  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1352	
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aaaggaaaga ggctgctggg ttatgggata gagattttca ctcgttaaga aagtaacaaa	120
gtaagggaag aggattattg tagaaatatt attttacagt tcaagtttgt aaaacacagg	180
tgaaggtaat cggttggtggg tctcttcctc tgagatcacc aaattatctg tagactggtt	240
ggtagacttg gagagaccac ttgttcttgg acaacagtta gaagcatact gccctaagca	300

<210> 1353  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



&lt;400&gt; 1353

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ccacctgaag	gagaacgtcc	ctccttccct	tttgctcctg	tcccgcacct	tctacctgat	120
agatgtgaag	ccaagccga	ttgagatacc	actcagtggg	gaggctccaa	agactgatat	180
tcttgtggaa	ttacctactt	tactgaatc	taaagagaac	atggtggatc	ttgcacctca	240
actgaaggga	actaaggatg	aagactttat	acagccgcca	ccagttacat	catcacccat	300

&lt;210&gt; 1354

&lt;211&gt; 217

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1354

aattccggtg	ctgtcgaca	aacaacaaaa	ggattaggac	agtccttctg	aaagcagggg	60
tctcaacatc	aaatgtgaca	acagccatac	aggctttaca	aatatgtaga	ctggcctagt	120
ataagagaac	agggagtggg	cacatattta	gcgcattgca	atgggcataa	atacctgaag	180
ttacttgacc	cgtggaagag	cccttgacag	ccatata			217

&lt;210&gt; 1355

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1355

aattccggtg	ctgtcgtaga	aacctagata	gccaaagtga	acctgcaatc	aagaatgaat	60
aagaatgagg	ctatagtgat	gaaagaagca	agtaggcaaa	aaactgtagc	tttaaaaaag	120
gcatctaaag	tttacaaca	aaggcttgac	cattttacag	gagctattga	aaagcttact	180
tcccaaatta	gagatcagga	agccagggtg	tctgaaacaa	tttcagcttc	caatgcctgg	240
aaaagtcatt	atgagaaaat	tgtaatagaa	aaaaccgaat	tggaagtaca	gattgaaaca	300

&lt;210&gt; 1356

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1356

aattccggtg	ctgtcgggac	ttgtaagagg	acatggcaac	ctgtgagccc	agactggatc	60
ctggaccaga	aaaaggacac	tagtgagaca	actggcagaa	tttgcataag	aagcacggcc	120
tcggcctcgg	gtggtggagt	cactgctgag	cccattgacgt	tctgcttata	ttccatccct	180
gcatttgga	gtcgttcttt	gccaggagga	aagtgaggaa	aaaccagcaa	taacaaaaca	240
gcagctctac	tgacggagga	ggaggagccc	aggaggcggc	tggtcagggc	ccaggtgtgg	300

&lt;210&gt; 1357

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(288)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1357

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aagatgcagc	ccagggaggg	accatgtggg	ggactggctc	aggtagtgag	tccccacttg	120
gagcctctgt	gatcccagac	catcatggag	gagcagctgg	tactgaagcg	ggtggccaac	180

atcctcatca acctgtatgg catgacggcc gtgctgtcgc ggnccatccg ntccatccgt 240  
attggctccg caaccacgac cactgangtta cttgtncnan accttttg 288

<210> 1358  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1358  
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agttagatag tcctttcatt ttagctcctt gcattgaaat agcattgagg attaaatttg 120  
tgtaagcccc acaaaattca aaatttatgt gcttttctga ccacttgccct tctagtggaa 180  
atTTtaagca tattagagga tatgtttctg tgggagctga tcagaatggg actaggagta 240  
caaaagaata tctaaaacta aaacacagct atatttcaga tcatactgct tcatcacatc 300

<210> 1359  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1359  
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atacctcaaa attctgttac gcctaggaga ggaaggagaa agaaaagaat taatcaggac 120  
atactagaaa acaccagttc tgtggaacaa gaattacaga tcactacagg tagggaatca 180  
aaaagattaa aatcatctca gctgttggaa ccagcagttg aagaaactac taaaaaagaa 240  
gttaagggtt catctgttac aaaaaggact cctagaagaa ttaaaagatc tgtagaaaa 300

<210> 1360  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)... (300)  
<223> n = A,T,C or G

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caagaaaaaa aaaaaaaaaat cancnttttt aaanccgatn tactttntat gttnccttan 120  
ntgggnaana cagnaattgag ngggtnaagg cattgngtcn aaaaatgng gggnnancct 180  
gtngnacttg aangnaatcn ttcntaatt ttncncnta aananggnat taatanccag 240  
cnccacncct gngaggaaaa attttgnaan gcccncnttt tacgggaaaa tttaaaaaaa 300

<210> 1361  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1361  
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tgttgctatg tgttacctta attgacctat acagttcttg agtacaagat taaaacctgt 120  
ttctgagtat gtgattgtat caatgagggc tctttctgat gtaaattttg agaaattcaa 180  
ccttagttgt tttaagtaag taaaaagaag gtttattgat catctgattg aaaaacctaa 240  
ggcagggtta gctatagatg gtccacttgg gccagtttct tccccagcat cctccttcac 300

<210> 1362  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1362  
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 cttgtctttc ctactattgc tacaatagtt ggtaaattga tgttcagtag tgtaactct 120  
 aatttcaaaa ggacaatctt ggggtgaatt gcgtttgttg ccataaaagg agcatttaaa 180  
 gtttacttca aacagcagca atatttacga caggcacacc gcaaaattct gaattatcca 240  
 gaacaagaag aagcataaaa ctgacttctg gttgttctgc agttctctca tccttatgaa 300

<210> 1363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1363  
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 ttggcaagcg tttagcagac tactggtgcc tggatgatct gtaccgggag atggtgagat 180  
 gctatgtgga aatcgttgag aagcttccag aacgccggcc agaccagct accattgaag 240  
 gctgtgctca gctaaagccc aataactacc ttctcgctg gcacacacc ttcaatgaat 300

<210> 1364  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1364  
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 aatttctgaa tgctcctcag aacgccaaact caggcagaga atctcaccga aatagagaag 120  
 aagctcatgc tcttgaaga aacagcccga ggagagccgc tgggccacat ctggccactg 180  
 tccgcagcgc tgtcagattg ctggggccac atctggccac tgtccacagt gctgtcagat 240  
 ccaaggagag ccgctgggccc acatctggcc actgtccaca gcgctgtcag atgccgacca 300

<210> 1365  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1365  
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 ctccagccct catgcctcgg aaggctacta ccgcctcatg atgagcctgc tgaaggacga 180  
 tgtgtactgt gagctggcgg agaggcacat ccaacagatt gtgctcttcc accaggcagg 240  
 tgaggaagga ggcaaggtga gaaggatcac cagcgagggc cagatcctgg agcagcccct 300

<210> 1366  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1366  
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 atcaattata aaagacctat ccctctttgt tctgttggtta tgataaatag ccaacttgat 120

aaagtgaag	gaaggaaatt	ttttgtttcc	tgtaatgttc	agagtgttga	tgagaagacc	180
ctatactcag	aggcgacaag	cttatttata	aagctgaatc	ctgctaaaag	tctgacataa	240
agagctgctg	gtgaactcca	tctcattctc	gccccctccag	aagaagcagt	tgtcccccaa	300

&lt;210&gt; 1367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1367

aattccggtg	ctgtcgca	tccctacaaa	gcaggaaagt	atgcttgga	gaggccaagt	60
gagtgggaa	tcagcccaaa	gccaggcgtc	cagggtctcc	ctcacctgaa	gctgactttt	120
tccccacctt	ggacagaggg	cgggagatgc	catccccact	gaaccacagt	ctttcaccag	180
ccatattagc	tcccactcac	cccccgctgt	ggaagcctcg	gccgtcacac	ctgcagggcc	240
ggggcggtga	tggcctcagg	gatggcctgt	tcagctgctg	ggtgactcgg	gtccaggtgc	300

&lt;210&gt; 1368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1368

aattccggtg	ctgtcggtgc	aagcgagcct	gacgtgtgcc	acgtcgtgct	ggaccgccac	60
ctggtcacag	gccagaatgc	cagctccacc	gtcccgcccg	tgcagaacct	gctcttcctc	120
tgtggcagcc	ggtgagggca	ccagggtggg	cacattcctg	ccacatcaga	gctgcaccgc	180
gtgcttttgc	ccaagctttg	accacacgtc	tgtcctgcag	gaaatgaacc	tgctgggtag	240
atgcaccccc	tgagacagcc	caggtgtctc	cagaggcagc	cccgtctcag	gcttcaggga	300

&lt;210&gt; 1369

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1369

aattccggtg	ctgtcggtt	tcgccatctt	catccctact	tactgtgctt	ccgtccctt	60
gggtcccagg	atcccactcc	ttcgatgaaa	ctcagtcttc	catctctgcc	tgggtgctct	120
gccctgggtt	ctgtcaact	cggcgccgtg	tctctgttcc	ccaaagtctt	gtttctgttc	180
tgtgtgccc	cctccccctg	cccccgttt	ctctttttta	agagacaagg	tctcggccgg	240
gcattgatgg	tcacacctgt	aatcccagca	cttggggagg	ctgaggcggg	tggatcactg	300

&lt;210&gt; 1370

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1370

aattccggtg	ctgtcgcagt	cttcctcttt	gtctcatcag	actgttatca	ctgagggtta	60
gatgagaaaa	tctcaaggct	gtctgtcttt	cctaggccag	ctcgtctggca	caaagccaag	120
aaggttcagc	tgacccttgg	acagacagag	gtgaagattg	acctgccgtt	gcccattgtg	180
gcctccaatc	tgatgattga	gtttgcagac	ttctatgaaa	actaccaggc	ctccacagag	240
accctgcagt	gccctcgtg	tagtgccctg	gtccctgcc	acccaggagt	ctgtggcaac	300

&lt;210&gt; 1371

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 1371  
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gcttcgtggc tttgagaaga cagtagagca ttttcaggaa ttaatgaagg ggagagatgg 180  
ctagaggaga gggtagaga gacttgagtt cttggctatg actatcagggt aaccaaataa 240  
aatgccctgt ggaaatgggg accactgatg gaccacaggc atgctgcaca gttgatagct 300

<210> 1372  
<211> 263  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(263)  
<223> n = A,T,C or G

<400> 1372  
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actaaggggc cactgaggact aaacacaaca tgggacctg gactaggaaa gggtaggtgag 180  
tgggacggnc annnnggggtg agagggaacng aaccanggnn nnnngcnatg cnannacggn 240  
nnnnnnngcg ggcnnanaa nnc 263

<210> 1373  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1373  
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accctgccac ccgcgggatc tccccaggct tctgagttgc tggcggtttt ccttccaact 120  
gcagtcccg cgtcctctca gccatgggccc acaccccggt gtctcagacc ccgtgtttgt 180  
tttcatgcca ggaggcagct cagggaagggt caggagatgg ggtgttccca gtcattgcca 240  
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<210> 1374  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1374  
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taatagctaa agagccaagg atgaatttct tcaaatgact ttattctgtt agctttacat 180  
agggtgttga ggattcctaa ggtgtcagca ttttgtaaag gtaccacaaa ggagaagttg 240  
atagggaatc taattttaga atgtgccaaa tggctctgtc tcaacaatat aattgaactc 300

<210> 1375  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)

<223> n = A,T,C or G

<400> 1375

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caaataagng	tttacgcnga	aggaccttnt	ntganntgnt	ntttgtaaac	nnnnnnntnn	180
gnttttntnc	cggnnncnna	cnntnggncc	cccttnanaa	tnnncnnttt	nggttttnnaa	240
atgagggacc	mntgaanggn	ntnaaaatnc	cnangttacn	nttnacnann	tnaaggaatt	300

<210> 1376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1376

aattccgttg	ctgtcgctac	actcagcctc	attcagttta	cagcatggaa	actgtatagg	60
acctccttcc	tatagaaatt	gaagacactt	aaataggaag	aaaattaaaa	tatacatttg	120
gatacatgag	tattccagtc	aaataatata	tataaaatac	cagatagagt	ataaaagaca	180
actgaaggac	aacagagtga	tgaaggact	ttattaggca	tttggtttg	gttatgattt	240
aaatttcaat	ttaattagaa	cgtttccatg	gcaaggaagg	aagcatggag	gactgtggaa	300

<210> 1377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1377

aattccgttg	ctgtcggagt	gacctgttct	cctgagtgtc	ctagtgtctc	cagttgtcgg	60
ggggaaagat	gatggagggg	aacagaaact	ggacttgatg	tttgcggttt	gagaggcaag	120
aaaataaaat	aactttctac	ctctaaattg	aggcttagga	gtaaaaagca	ttttgtccta	180
aattttatcat	ttaaaatagc	atcagtaact	tttgagctca	tgtaaatcaa	gcattggcag	240
tcagagattt	tataggggaag	actaagtaaa	tccagtttcc	aagaacctaa	actgattgag	300

<210> 1378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1378

aattccgttg	ctgtcgccctg	gattcaagtg	atcctccac	ctcagcctcc	taaagtccta	60
ggattatagg	catgagccac	tgtgcctggc	cccctcatct	gatagaaaat	tagattttgc	120
tatgagccat	ttcctgaggg	ccaatttaat	actcgtgtga	ctcttcttag	agttaccatc	180
tgccctaaat	ttcctctgtt	tttcacatcc	ttggaaatat	atcattgttt	tgcaaatttc	240
tatatctaat	tcagggttta	ccaggagctt	aataattaat	ggctacatag	caaggcatcg	300

<210> 1379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1379

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tcagccaaaa	aagtctatga	attctgtgac	cagaaatctc	tatcacagat	ttattgatga	120
agaacgaag	gataccaaag	gtcgttattt	tatagtggaa	gctgacataa	aggagttcac	180
aactttgaaa	gctgacaaga	agtttcacgt	gttactgaat	attttacgac	actgccggag	240
gctatcagag	gtccgagggg	gaggacttac	tcgttatgtt	ataacctgag	ttccttgtga	300

<210> 1380  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1380  
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 ttgtcctage cttggggctc cccaagactc tgttcttgcc actgaggcta cttcttcctg 120  
 aggaaaaata aatgataaca gctgataagg gcaggccatg aaaaaagagc agtcctagcc 180  
 accccagcac catcactggc aggcctcccag gtgtaccctg catcacaaga gcttcctctc 240  
 ttccctattg ctgggagact aatcctcctc aataattctg tttagtattt acagtttttt 300

<210> 1381  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1381  
 aattccggtt ctgtcgaaga aatcctgcag ctgaaacact tctctccaaa tgtcgagcat 60  
 ctttatttat ccaaactctc ccacagtgtt tgtttaaagg ggagcgctgg agagtaaaact 120  
 aaatcttaca atgagcatat ggatggctat aattgctgag gtttgttttt ttttttcata 180  
 tttgctaact cgctatatat aaaattgggt ttctatttta tagatttcac accctgaaaa 240  
 ctgctaattt ttgcatgcat atgattttca catgaatgga tgaaaataact aaaatctctt 300

<210> 1382  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1382  
 aattccggtt ctgtcgccgg gcctcaggct ccttcctact gtccgagggc caccaggccg 60  
 ccgggggcct gctgcgccg gatgcgtctg ttactagagt ggagagtcta ccttcgtctc 120  
 acatgtgcc acaaggatgg catggcccgg gagggtccca ccacgtggct ttcaccccct 180  
 gcaaagccag acttcgccc ggcacacagt gtcaagccca cagctctcca aggaggaaaga 240  
 tgggtccaggc tgggagcatc cccttagcag cagcctctga tcccttgaggc aagcaggagg 300

<210> 1383  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1383  
 aattccggtt ctgtcggttt ttaggatca ctgggatatt ttccacaact tcctcttctc 60  
 tagcacacac atctgttgat aggaaatatt tgagggtttt tccactacca aatgggagct 120  
 tcatggctct ggtgtcaaac actataaacc tttgaccagc tgagctgtga ctgctgtcac 180  
 atatctgagt cctgtgtgca cagtaatatc ctgggtcagg taaaatccag gtcttcaagt 240  
 ttttaaggatt ttttgaagaa ttcgggcttc ttttaagacga tccatgccca aatccacaag 300

<210> 1384  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1384  
 aattccggtt ctgtcggttg aggggctttt gaaaaagagg gtgccttact gtgcccaga 60  
 ccaggacaat cagtatttct ggggaatgga gcctggcaca cacacatttc ttaaaagctcc 120

```

cttggcaatt ctgaggagt gattacatgt tgtatgtagc tcgtaacgaa agaaatcttg      180
tctttgtctt cagaccccca ttcttactc atctcatgag ctccttcgag atccagaaac      240
agttgcatat ttcattagta aatcagttcc agagtcacat tttatttcac aagttagtcc      300

```

```

<210> 1385
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1385
aattccgttg ctgtcggttag tattgtaaaa atgtatctat atgtttatcct acactaagcc      60
taagcttttaa tgaggatatt ggtacctgac tgtcctgtac ttggagcatc tgtccacttt      120
tgaatacatg taacactttg atgctcctgt ccccatgggt tgatgaagta cttaatacct      180
tgaatgctat atttattatc aaattttgaa tgaaatcact agcctaaata caagtgaagt      240
gtttttgaaa ttttcatcac ctttgaaaca cctagtattt ctgtagaatt ggattgagga      300

```

```

<210> 1386
<211> 265
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (265)
<223> n = A,T,C or G

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```

<400> 1386
aattccgttg ctgtcgctgg gctagaacct cagtctagtg ttcaaaggag ctggcagaat      60
gggttgcttc ggcattggagg acccaaaaagc agagctccct ggtgctttgg gggagagtga      120
agcccttcat tccactcctc attgcagacc agctttcctg gtattcatgc actgcttttt      180
gtaacgcctc aaatgaaaagc cacagctcag ccaagtagaa gagagctcct aataaatgaa      240
ntcnggntgc ctttgaatnn ttnac                                     265

```

```

<210> 1387
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1387
aattccgttg ctgtcgattt cattgccctc tttagaaatt tgcttgatct tgggtcttgg      60
tcagggcaga aagagataat acaaggcttt ggtgatgctt agcatttttag aagaagtaat      120
gctgggtgga aatggatttg gcagtctcgt ttttcgcac attggaatgg gagtccctca      180
cagttggaga caggatgaag taacagagcg tggggatctg gattaacagg tggccattcg      240
cagaaaggag gctgcaaagc aagaggtggg ggcttctggc tgagcaggaa ggtgggagag      300

```

```

<210> 1388
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1388
aattccgttg ctgtcggttt ggtcttaggc taaaatccat gttttacgga gaattcaaga      60
aatttttaaa cttcaggtag aactgtggtt ttacaaaatg tatagaaagc atagtgccta      120
atgcatggta gaaacatttc ttttaaggatg accggatggt gccgtatgta tttatggcac      180
aagcaggtgt tgtctaagca gtttctctgt ttgcttgta tagcagcatt tggaaactca      240
aacatgcttt catttacata aatagtttat gaagctttga caacaaatgt aaacagacac      300

```



<210> 1389  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1389  
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 gcaaaactaga gagccctgga gattggtagt agggaaggga ggatagcagg aagtttgaaa 120  
 aattagcagc cccggggcct aaaggaatca gctgtcatca tttcatcat tattattttg 180  
 gtttaggatg cttgaaaatc agaacgtatc ttggtttacg taattgaggt cttaaagaac 240  
 taagaacagt taaatagtca caactaccac cctctgactt acataatcat tgggtgtgggc 300

<210> 1390  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(287)  
 <223> n = A,T,C or G

<400> 1390  
 aattccggtg ctgtcgcatt gcactccagc ctgggcaata agagggaaac tccgtctcaa 60  
 aaaaaaaaaag aacntagtc gtcngggaan acnttantgc ananacntgt gagngganac 120  
 ctganggaan tgaanaggna aggagtgtg ctgatatnta ggaggaggan tnttccaggc 180  
 anacggaaaa naggcccaaa gtntttgagg aaggggcntg ttggccntgt tcacaggaca 240  
 gcgaggaggc caaagtgggn ggagcaaaga tcccaggggg agaggca 287

<210> 1391  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1391  
 aattccggtg ctgtcggccc cgagtcattt ctgaccaccc cgttctgtgt cctcactctt 60  
 gtccctgaat ggggccctgt gtggatctca gtgtgtgtgt ggtttctcca ctccctcccg 120  
 ctcatgtccc acacctgcca tattgaaccg tttctgcact aatcttctcc acgggcacgg 180  
 agtggaggga acgtcttggg aaaggggaga gcttgacctc catctagggt tcttttatct 240  
 ggagaaaaag aacacttttg aactatgtaa tgcttcgccc tgaaaggcaa gctaacgcta 300

<210> 1392  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1392  
 aattccggtg ctgtcgggtt tctgtgttca cagcctttgt taccttccga gccacccgaa 60  
 aacctctagt acagacaacc ccaagggttg tttataagtg gttcctgcta atctataaaa 120  
 tcagctatgc cactggcatt gttggctaca tggtgtcat gtttaccctc tttggcttta 180  
 acttattatt caagatcaaa ccagaagatg ccatggactt tggcatctcc cttctcttct 240  
 atggcctcta ctatggagtt ctggaacggg actttgcaga aatgtgtgca gactacatgg 300

<210> 1393  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1393

```
aattccgttg ctgtcgtata cctctttgtt atgatactga taaattgtga tcttgagtc      60
gatcactgat tttctgtggt cagaggattc attattagcc tcttcattga ttctatcttc      120
tgaaaccctt ttttctttct ttctattgtg ataaaaaaat cagcatatat gtgactaatc      180
taaagttagg attgattgtg tgagaccact gaaaacaagc atatgtgagt gattccatac      240
tgatttttgt tttaaaattg agcacgtttt aaaaattttg taaggctcgg cgtagtgggt      300
```

<210> 1394

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1394

```
aattccgttg ctgtcggggt gagagagatg gtgttctgga cacttccccct tgggtgccatc      60
atccctgttc ctcttttctt tcctctcccc tccccatgaa tgtggggctt gatttgtttt      120
accctttaag tgggctgaag atgtaaaagt taacctcttc caaactagat gctttgaggt      180
tccagctgtc actgagaaca gcttggttagc tgggtgcagcg taccagcgtg cagaggcagc      240
attgttcagc tggagcctca ctgctggagc ctcactctacc agagggtctc ttcatactg      300
```

<210> 1395

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1395

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aattccgttg ctgtcgggaa cactaatggc cctccctgga acagacacgg cgccccccca      60
cagaatagcc tcgatgcccc ctggaacagc ctcggtgccc cctggaacag cctcggtgcc      120
ccctggaaca gcctggtgct cctggaacag acacagcccc cccagaacag acacagcacc      180
ccctggaaca gcctggcgct tcctggaatg gccacatccc cccatccttt ctgtgctgct      240
ttaggcattc gcccttacgt ggttcgtgtc cagctctgtc aacaaggcca gctccacaag      300
```

<210> 1396

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1396

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cacctcttgt tctttttgca ggatccntcg attcgaatc cgttgctgtc gaagtttatg      60
tatattttaa aatattatta aaggaggttt gaaagtattg acatttaaaa agtcaacact      120
tagattaaat ttagctggta gttttaattt gggtttttagt taagagtgtg aggacatcag      180
gaaaactgtt tactactttg gtttttagcag ctgagtttta ctattccata atgtgttatt      240
tttaaagttc tctttttaag atcacagtga tatcctatct tcaaattttt taaatatgtt      300
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<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

```

aattccggtg ctgtcgaaaa aagttaaata atcaaaaaatc attcagaaga gagtacctta      60
aaagacccat atacctctga gaatttagaa tggtacaaaa ccgtatttca taccaatggg      120
gaaaggataa actcttcagt gacgaatatt agaaaaagtt agttatacat ttgaggaaaa      180
ctataaaagt accaataatg agtaggaaat cacttctgca gtatttttgg agcattttcc      240
ttaagcatga cataaaagcc aaaggtcaca agggaaaaaa ctgatagatt tgtctgtgat      300

```

```

<210> 1398
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1398
aattccggtg ctgtcggtca tgtggtttat taaatgtctt cagattccag agataagaca      60
aggtggccac ttcacaaaga atccagaatc atgctcagta aagctcatta aaagccactg      120
cagctgagaa gggtcacagc ccttctttat agccacagag gcagcacaca ggggaggtgg      180
gaagacacag ggaacgaga gaagaaggat aatgaggcct tgagggtgtt tgcctccaat      240
ttcaaggagc ttatcaggct tcatgtgcaa tttggggagg ggagcttttt gatggtgggt      300

```

```

<210> 1399
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1399
aattccggtg ctgtcgtgga ggcttactaa ccaggtaagc cttctatgca tccacaccaa      60
aatcctgcag aatgtaagta agctctgctt tataagatgg gttcaccttc atcgcagact      120
gaaagtttca gtttttattt ttttcagaaa gcacgaaaaa ttatttataa tagtctggag      180
aaaaaacaca ctgtaatat tcaagtgtat gcagtagaat gtactgtaac tgagcccttt      240
cccacatgtc taggtccaa tgtctcctgt aggtccacct aactgtgtgt tttcagggac      300

```

```

<210> 1400
<211> 257
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (257)
<223> n = A,T,C or G

```

```

<400> 1400
aattccggtg ctgtcgaaat ttctttgcct cctccccac agaagcacca gaccacctg      60
agccccagag cctcatgcca gcagctcctg gctgttntct acctgaggct agagcagcag      120
ctgncanctt atagatgggg cgtatgntan ttaatnctnt nnnannntec tctnataang      180
tnngnttnnn nngngntntc ttttnaatat gatntgcncn nnctatnntn annanntntt      240
atncnntnn atctnna                                     257

```

```

<210> 1401
<211> 266
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (266)
<223> n = A,T,C or G

```

&lt;400&gt; 1401

aattccggtg ctgtcgact gaagttttgt tttagacact ttgggcttcg ctgattgaaa	60
acaccacacc aactgaaaaa tcaactgtgaa aaagaacctg gtagtactgt caatatcaag	120
taggattcat taattttctg acattactgg acaagatggg tcgtgccatt cagaaagctc	180
tttttcttc ttcttcttc ctaatacagt gaggcataca acgtagcctg ccttatggtt	240
aannngcntg nngactttat nnttnc	266

&lt;210&gt; 1402

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1402

aattccggtg ctgtcggtg cgcccggtt ggcccttctt tgtaggagag ttcatccgc	60
cctgaaatct tccgatcgt taataactcc tcaggtccct gcctgcacag ggtttttct	120
tagttgttg cctaagagta caccaaatgt gacatcctt caccaatata gattacttca	180
taccacattg tcaaggaaag gactagaaga attttttgat gacccaaaaa actgggggca	240
agaaaaagta aaatctggag cagcatggac ctgtcagcaa ctaaggaaaca aaagtaatga	300

&lt;210&gt; 1403

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1403

aattccggtg ctgtcgccg ccgcctctcc aagttcttgt ggcccccgcg gtgcggagta	60
tggggcgctg atggccatgg agggctactg gcgcttctg gcgctgctgg ggtcggcact	120
gctcgctggc ttctgtcgg tgatcttcgc cctcgtctgg gtctccact accgagagg	180
gcttggtgg gatgggagcg cactagagtt taactggcac ccagtgtca tggtcaccgg	240
cttcgtcttc atccagggca tcgccatcat cgtctacaga ctgccgtgga cctggaaatg	300

&lt;210&gt; 1404

&lt;211&gt; 209

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; =(1)...(209)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1404

aattccggtg ctgtcgccct aagatttctt gtgggccaag gaattaatta ttccaatcag	60
aaatggaggc cttacctcat ttgggcaaag attagtgtta gttattgaag atttactaat	120
aaatgatctg ttaaggaatt tagttttttt tggatatggt gttttggtt nngaaaacta	180
nggnatantt ataatagnta ttttttgaa	209

&lt;210&gt; 1405

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1405

aattccggtg ctgtcggaat gatcaacttg ttaactattg ctgagatgct gtgtaagaag	60
actgaacatt tgccatttgg tgatgtggaa gctgttgagc ttactaaat ggtttccacg	120
gagtggaggg gaaaaggctt gtttgagtgg cctcaaatga aattgggaag agagggaaga	180

gacagtgtga gtataaatgg ttccttttgg aaattcagta caggagagca aagaattata 240  
 gatcgagggg tataaggagg gtcaataaat ttttaagagag gatccattat tcatcagttc 300

<210> 1406  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1406  
 aattccggtg ctgtcgggtt ggtttatata taatgaggga agaagatgat tacattat 60  
 ttgtcacttt gccatcattg tttagaagtc atagaaagaa tttttaaata ggccaataag 120  
 tcttaaacct gagtacttgg cttagaagaa agtcaaaact ccttcctttt tgactaagtg 180  
 gtttgtttct ggggagctct taatttctat ttttataatc attagcctat aaggaaattg 240  
 tgtcttcctt gttctcaggg tgatctgctg accttggtca ctcatgaagc atttgggtat 300

<210> 1407  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1407  
 aattccggtg ctgtcgttct agttaagtaa agaagcagcc ccataagcat ttttgtttgt 60  
 ccgtaattgg ccctattgca gaaagaaaga aagaaagtgt ccctcaaatg cgtgagacag 120  
 catggcaggc taggggtgtaa cagatgagtt ctgagcaggg aagggtgaatg aagcaagtgg 180  
 atccttggaa agataaggta aagaaaggat gttagttgga aactagcaat caggaaggtc 240  
 agctgctgcc tgggtctagg agagtggcag ggcagaggag ggcttggtct gatatggtaa 300

<210> 1408  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1408  
 aattccggtg ctgtcgtatg gtctctggta cagaatagtt gatattaaca gaaaaaaaaa 60  
 aatctgtagc ttcataaata tgccactctg ttaatttctt gttccagaca ttttaataga 120  
 gattgcttga gccatgttgt ttgaattgct gccaatagca gaccatatcc ctatcatggt 180  
 gttggctcaa ctgttttttt ttttcntaa tanaaaangga gtatcnntgg gtngntnagg 240  
 ctggcnttna actcengggc tnaagctatc ctcngcctn ggcctcccaa agt 293

<210> 1409  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1409  
 aattccggtg ctgtcgaaat catcccaaac aacgcattat taccatatac atcaggatat 60  
 taggagccca atatatgtat ccagattgag atcctcttct ttttgtatgt gtctggattt 120  
 tgtttgctag ggttttcagg atttttgtgt atatatgcat gagatactca tctgtagttt 180  
 tctttgtatg tctttgtttg gtttttgtat cagggtaata ctcgcctcaa agaatgagtt 240  
 gggaaatggt tccttctctt ctgttttttg gaagagtttg tgaagaattg atcattcttt 300

<210> 1410  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1410  
 aattccggtg ctgtcgtctt ccgcagttag aacctgcctt ggctcccctc ccctcaagga 60  
 gttcatagcc gtgggagga gggagacaag aactgttgga gacaagaact gtagagacc 120  
 agagagcaag ggcgtgatgt ggtctgcagg gaggaggctg tctgaggcag aaccgggtca 180  
 gggaggccat ggtgcgggta ccctccagge acggcatttg gcctgacttt tgaggggtgc 240  
 ccagggttgg ctacatggcg gggcggaggt atcttttagtg ggggaacagc gttgtgccac 300

<210> 1411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1411  
 aattccggtg ctgtcgtaaa aataaaataa aaaataaatg tgggcaaaaa tgtgcagtgt 60  
 gcagattcag catcagatac gtctggagtg cctcgggcat attcattgct actgttgatt 120  
 tegtgtcctt gtttctgccc taaatgtgtg ccacactgac gaccacagtg tagcccctag 180  
 tcccgtctcc atctaattctc tccctcatcc taaaggctca gtctccagaa caaatcctac 240  
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<210> 1412  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1412  
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 aatgacctat actttgctga agaagttaa caaataggta taaataaaaa atcggtaaaa 180  
 tctgcaaaaag atggcacatc tccagaagaa gaaattgaaa tagaaagaca aaaggctgaa 240  
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<210> 1413  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1413  
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 ctgttttggg tcaagatgat gtggacacct caatggaaga atctttgaag catcttattg 180  
 ccaaaggctc tatgtttgat gagcttatgg caagaagtga agatatgtta caaatggata 240  
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<210> 1414  
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 <212> DNA  
 <213> Homo sapiens

<400> 1414  
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cagataatgt tagaactgga ccagaaaata ggagttggta taaaactaga ccagcgagct	180
ttttttcctt caagatgcag ttcagtttat tgcttttgta aattagagat tgtgtttcct	240
gatctttatt aaagtagaat acaatgttaa cctacttcaa attttaaaaa atatacacac	300

&lt;210&gt; 1415

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1415

aattccgttg ctgtcgggtt tgtacgcacc gttttctctc tgtgctatgg gagatgtcaa	60
ggaatcaaag atgcaaataa caccagaaac tccaggaagg atccctgttt taaatccttt	120
tgaaagtccct agtgattatt ctaatctcca tgaacaaact ctgccagtc cttctgtttt	180
taaatcaaca aaattaccaa atagataaag atgtggaaga caaaagacaa aaagccattg	240
aagagttttt cactaaagat gtcatcgtac cctctccttg gactgatcat gaagggaac	300

&lt;210&gt; 1416

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1416

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gggtttgctt tctacttccc aggtgtttct cagcgtgaga gtttagtttg ctttgtgctg	120
ctggacaggt tcctgcagaa tggcctgttg tacgagtttt aagaatttaa atcccattac	180
acagccctga cttcttattt gctagttctt tccatcattc atttatttta tccacttgga	240
gttagtctgt ggctgccatg tgtttgtcag gtggcagagg atgagagatg gatgaaaagg	300

&lt;210&gt; 1417

&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(289)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1417

aattccgttg ctgtcggcaa gctcgggggt caaaccgaaa catgcaattc actaaaatct	60
ttcaggaaaa aatgacttta aatactgtca tcataatccc actttgtacc tccttctctt	120
ttcatatcca tgtcaagtg gaagttaaca aatccctgcc ccagagagc tgcccaaagc	180
atcacgtttt agaaactgtc ccagaatttc caaactcatc caaaagcaag tgacatcaag	240
tcagatattc ttggtgctag aaactcagaa aaaaaaaaaa nggggggtc	289

&lt;210&gt; 1418

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1418

aattccgttg ctgtcgaaaa catattagaa ctaacaaact tacaatggac atttaatagt	60
ggttttcctt tctattctat ttttttaaat gtaaatggag taaatgataa aatgtagact	120
gaatttatca taaagacatt ttcttttggg atactgcaag gaactatgaa cttttagtaa	180
ctactataag caactgacag gaaaaaatgg caacagaaga aggaaagagg agagaatggg	240
gagcagacac taagtgtag tgaaaggagg aaaatgaagg ctaagtctaa tgatgtgaat	300

<210> 1419  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1419

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agtctaaagc	attccaggaa	aaagaacaac	tgagatcaaa	gctggaagaa	atgtatgaag	180
aaagagagag	aacatcccag	gagatggaaa	tgtaaggaa	gcaggtggag	tgtcttgctg	240
aggaaaatgg	aaagtggta	ggtcacccaa	aattttgcat	cagaagattc	agtcctagtg	300

<210> 1420  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (263)  
 <223> n = A,T,C or G

<400> 1420

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ttaaaatcat	ggcacacctg	cagaatttna	tatgacagag	tgnncanatc	atgtattcnt	180
gnntntanaa	tancnttntt	ncnctacntc	ttntnttttc	tnanannata	tctantantt	240
nttnagtctn	tnnttcnana	aat				263

<210> 1421  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1421

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gcctgttggc	ggagtcttgt	gggttggaag	tggtgaggtc	actgtgatgc	cactttgtct	120
agtcacggc	cacagggtca	cctggagaag	agcatgagct	cagcataaaa	gcaaggccca	180
ccctgcaggg	gccagcagct	gggagctgtc	cactaaccac	tatccttgca	gctggacagc	240
gagggccctc	caaaaggccg	tctccacctg	ccaccgggaa	aggacccgga	gcgaaggatg	300

<210> 1422  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1422

aattccggttg	ctgtcgatta	tagccttcta	taaaacttat	aaaacttgct	tgtaaaattc	60
catatagaga	ttgcaactga	gagttggtcg	taaaactaaa	aattattgtg	ggaacagagc	120
aggctcaaac	tcccatgatt	gatctaataa	tgggaattata	ctggtaaaaa	gccactgcac	180
ttcagcctgg	gcaacatggc	aagactctgt	ctctaaaaag	agacaaaaa	gcataaaaat	240
atgcttgata	taaactctag	ccctcttcta	gttatttgtt	catttgata	ttttcatttc	300

<210> 1423  
 <211> 274  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 1423

aattccgttg	ctgtcgagac	tttgatggtt	atgaatggaa	ccaagttact	gagttagagc	60
attttcta	taaatatgaa	ataggagctg	aaggcataat	ttattgatta	gaatgacaga	120
aaatgtttt	atgctgtaca	tgcttttga	acatttttca	aaatacttgt	aactttgaag	180
aaagtgtgt	tattgttaga	aggctgtaag	gagagcaggt	ctctgctctg	gtggtgattt	240
tactcaagag	gggatgtgaa	tatttatatt	tttg			274

&lt;210&gt; 1424

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1424

aattccgttg	ctgtcggaga	aacccaacac	atgtaaggaa	gattagaatg	tatgcaattt	60
tcctagtcc	cttctaaaac	ttagaaggac	ccgtcctggg	aaagaacgtc	ataaaatagc	120
aaaaatgtg	tagaacactt	tattttccca	gccgttttca	aatatatatt	tatcagtggg	180
tcattgttaa	agaaggtgtc	tatactttag	attttcagtt	ttttgcaggg	aatcatggag	240
ctgagaattt	cacagatact	ttataagcca	tagtacatga	gcttaatagg	ctgtgttttg	300

&lt;210&gt; 1425

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1425

aattccgttg	ctgtcgatta	tatgccacct	gggtttacag	tgtagtctct	tatcaggtag	60
gtttgttctg	agatgtatag	taatgatgac	tttcttcttc	gccaagtat	tttgtgtacc	120
ttagaccagt	ttagcaaatg	aagtccaaga	actatttgaa	taagtcattc	ttagaaaata	180
actttaggaa	gcaactgact	ccattcatgt	gtatgcctct	aattgtagg	tcacttctgt	240
ccgaatatga	atttttaaaa	taatttttagc	attatattag	caatttgcaa	tataccattt	300

&lt;210&gt; 1426

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1426

aattccgttg	ctgtcgcaaa	aggggaaaaa	agtccaggtc	agcataagtc	attttgtgta	60
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tttttcctat	gatcaaaaaa	ttctttcttt	cctctgagtg	agagttatct	atatctgagg	180
ctaaagttaa	ccttgcttta	ataaataatt	tgccacatca	ttgcagaaga	ggtatcctca	240
tgctgggggt	aatagaatat	gtcagtttat	cacttgctgc	ttatttagct	ttaaaataaa	300

&lt;210&gt; 1427

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1427

aattccgttg	ctgtcgctgt	cagcgtttta	gctgatgaag	aattccttcc	cttcaaagaa	60
aatacatatt	acctgggtgt	tagcagttta	agtttgcat	gggtgaatga	ccttcttaga	120
gcacttgagc	agattcatta	tattttaaaa	ccagatggag	tgtttatcgg	tgcaatgttt	180
ggaggcgaca	cactctatga	acttcggtgt	tccttacagt	tagcggaaac	ggaaagggaa	240
ggaggatttt	ctccacacat	ttctcctttc	actgctgtca	atgacctggg	acatctgctt	300

<210> 1428  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1428  
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 gtggtgaagt tgtgagaatg aaactgaagt gggttcaaga aagaacgaga ggagagaaaag 120  
 tggagtttga gtataaataa ctcttttga gaggattggt gtaattgaat ggcaggggta 180  
 tgagatttga ggtcaaggaa atatttttat tattttttac gatgagagaa attgtagtac 240  
 acatgtatat ttatgggaat gactcagtag aaagaccaa aatttcatat gtgagagaag 300

<210> 1429  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1429  
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 tgagtgaagc aggcagcagc ctccactgcg ccttggacac aggtggctga cagtgtccac 180  
 ctggactggc ttgaccccc ttctgaggtc acagtgtgt cccttgaaaa cttgggcagg 240  
 agcacctgac tggcccagct tgggtcatcc ctaggcccag cagtgcggga ggccaggaaa 300

<210> 1430  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(270)  
 <223> n = A,T,C or G

<400> 1430  
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 tgggatgtgt gatttcagct cctgtcacct catgcaaggc cgtggagacc agtagagggtg 180  
 tggaggccag gcagagagag gagcctgctc tgaggggtgc ccannntnat ggnactgtc 240  
 cnttcantta gcctgnctan gnccctgag 270

<210> 1431  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1431  
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 ctgtccaagt gtttcagatg aataacaaa cgtgttcat tgaagctttc gccacctttc 120  
 ttaaagcagc gtatgttcca agggaaaaag gcattgaaaa gcaatcgttt gtttttatga 180  
 agaatagggt ttcagattcc ttcagttttt ttgaaattag aaatttctta ccttatgtga 240  
 aatattcaca aacgtgcaca cttctgcaga gacaaagcat ttcactgcac gtgtaccagg 300

<210> 1432  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1432

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agcgctttg	tctgtctatc	tggtgacaag	agagagacaa	gtaaatgggg	gccgttgggg	180
cggcggtg	ctggagggca	gctctgggct	catcgggcag	tgcttagagc	acaggccct	240
ctgttggggg	atggggagga	gagcagctcg	cccttgggan	cgtatgcccc	anggagactt	300

<210> 1433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1433

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agaaggttag	gcattgcaaa	taccagtga	taattttttt	cttagcttta	accccagccc	120
atttcaaccc	cctctttgcc	ctttgtatat	tcttttgaaa	atatgatcca	gtagtgttta	180
tgaatgtgtg	ttgtgtaaaa	tttagagatt	gatgttaaac	aacagaatta	aaggacaaa	240
ctgtcttttt	tggttgaatt	ggggatggga	gagcagctca	aagtgggaaa	tatggagaaa	300

<210> 1434

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 1434

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cttgttctaa	taggggctat	gctctgcaat	tccttttttt	tttttttttt	ncntnccn	180
aagcnaaacc	ntnannaaan	nnngngggn	tnnaangng	ggcgnnttt	tcnccngtn	240
ggnatnnnan	ntaaggggnc	nnngnaaaac	caaancnct	ngaaaancnn	nggagggcc	299

<210> 1435

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1435

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ttttcagagc	caaaggaaat	aatacaacaa	aaaggaggct	tctttggaga	cctaagtcta	120
ttggatgtaa	acaagacgtt	gtatttaggg	atgttctgtg	ttctttctt	ttttgaagtt	180
gtcatcaatt	gctttactaa	gatttttaaa	tagtgaaaac	ctcctgttta	gactttgggtg	240
gaagatgaat	caaggaagca	gggcctgtc	ttatgggtca	cgtgtctttg	gtgagtgaga	300

<210> 1436

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1436  
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 aaattagttt ccctttttta ataattacta atatttgaag attatgaatc ataaattaat 180  
 cacaagtgcc atacctatta ttttagaagc aattgagcaa tataaatggt cttcagtttt 240  
 accagtctt gatctgtagt aaattccagg ggtggtgggg tctgtgaaat aatgaagaaa 300

<210> 1437  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1437  
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 agatctctgg actgtaatct gggaaaggtc aaataagatc tccaatcgtg tacaattcca 180  
 aatacatttg agagcagtgg gtctgaaaat gtggttccca gaccagcagc atcaacacca 240  
 tgaaggaaagt tgtaaaaaat gcaaattctc aggcctctcc ctgtgcttta ataaagtttc 300

<210> 1438  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1438  
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 caaccttttt taagttgagt gtttttattt ctgcagttat tagttggatc ctccacatct 120  
 tgcataata catgggtcct attattatgt ttgtcaggat aatcaaatga aaatactagt 180  
 tcagtgatca gcattgaatg gttgttaggc agccatgtgc tcaacactga tttcacctct 240  
 tgagtataaa ctttttaaat ttaaattggt ttacatgaaa gtggattaaa aggcctttca 300

<210> 1439  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

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 tgcttatccc tctcctatgc tctggagttc ctctccaccc ttgccccac cccacattgc 180  
 cccctcctgc tcggtcagt cctggccagc tcaggcagct tgcgtcacag taaggtaaag 240  
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<210> 1440  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1440  
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tgataatgcc tctacaacaa caagaaaaaa gataaaatac taggatagaa tcatgggtggg 180  
cacagtggct tctcaggagg ctgaggaggg aggtttgctt gaggccagga gttggagacc 240  
agcccaggca acatagcgta aaccctatct ctaaaacaat ttttagccag gtgcggtggc 300

<210> 1441  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1441  
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tgagaccctc gcgtgccaac acactagcaa cttcagacgt cagcaggcgg aaatggctga 180  
ttccaggctc agagtattcc atctttactg gccagcctct ggacacccag gacagtaacg 240  
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<210> 1442  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1442  
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gatttttttt tcaaaaagtg cttttatccct acaatgtact gacagttctt acagttgaga 120  
ttgttctttt tcagctattg cttgtgaaaa aaagcaagac tatgtcactc tatagaaggc 180  
tgttaaagtg actcaggcag gaattaatta ttctgtacct aaggggttac ttgtttaatg 240  
ggatggcatt gactttttga aaatcaagtg gactgagtca ttgataaaac atttctaaga 300

<210> 1443  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1443  
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taattcttag gttttcaaat cttttttttt aatgtctccc atgtttctca tttgctgatt 120  
gattcattag ttgctcttag taagatttgt cagttggaaa taatgaaggc tgagactcat 180  
ttctaaactc ttccataacc atcaccagaa gacagccac tgtgttgtgt gatgtaggct 240  
aatgcctccc agatagaggt aaagtcacaa ggactattag aattccagtg gattgtggaa 300

<210> 1444  
<211> 245  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(245)  
<223> n = A,T,C or G

<400> 1444  
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gcattccaga aactgttgat tgtgttctta gaaagtggta aaatagctgt ggagtacaga 120

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cccagtgaag acatcgtagg tgtcagatgc gaagaagaac tacacgggtt aattcaagtc    180
ccttgctctc cctggaagca gtatggccaa gaggaggaag ggtatctctc ggatttcanc    240
ttgna                                     245

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<210> 1445
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1445
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atggatataa aggtgataaa gattggaaat aaatcttcta aatatgtaaa atgaaagcaa    120
cagcaacagc aaacacaatt atcgatttct ttgggagtaa caaatactgg ttttcatttt    180
aaaactaagg aaaattttat cagtacttaa attcaatcca aaaaagggtt tataacaccc    240
aaactgtaca tttaaaatta tgctttctta aggtaatggc tagcattacc tagttttag    300

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<210> 1446
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1446
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tcctgatact gtagttcact gtagaaatgt ggctgctgaa actcatttga ttgtcatttt    120
tatctatcct atgttaaatg gtttgttttt acaaaataat accttatttt aattgaaacg    180
tttatgcttt tgccaacaca tcttgtaact taatatacta gatgttaagg ttgttaatgt    240
acaaaaaaaa aacccttata ctcacctgcg ttccatttg tttgacattt gtcattatt    300

```

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<210> 1447
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1447
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aaaactaacc ctctttttaa gaggagattt aaggaagacg tcaatcaaaa tgtcaaatat    120
gtgtgtcaga atataaataa tttttcacat tgtattgttg ctatataaaa aaaataatag    180
aattgggttg gtttctgagg tgaaatccag agtaagagta ctagacagtt caacaagcca    240
catctaattg cacagataga ggatgtagct attttatacc=tttcataaca tttgagagta    300

```

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<210> 1448
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1448
aattccggtg ctgtcgacta ttaactaggc ttcagtatat cagtgtttat ttcattgtgt    60
taaagtataa cttgtaaata aaatagctgc aaacctagtt aatagtagtg taacaatatg    120
catcattttg atgattacat tattttaaac aacaaactac actgaaaaat taatgccgat    180
aaaattctgg gggtggaag gtaggatgtg gagtgcacat gttctatcct ttacttatga    240
gactcagaaa tatatctaca aagccagatg ctctgtcttc atatttgcag acatctagac    300

```

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<210> 1449
<211> 300
<212> DNA
<213> Homo sapiens

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<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1449  
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 atggagggtga cagaagaaaa gaaattcttt gtttgaggga gacttcccct ttctggattg 120  
 tatttgtaga gtgttacgag tgtatcatgt gattatgctt taccggtata agagattctg 180  
 ttgngattat ttgaatagtt ntatattaat anaagaagac aaaanttttt aaatgttana 240  
 aaaagcngat ctgtcattgc tnngtatcnt aaantttang cttttatcna tgtatatattt 300

<210> 1450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1450  
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 tgtagaaaac tcaacaattt tcaaattattg ctttggtac attcaccttc attcctctgg 120  
 gattccactt aacatttatt aggtcttttt gcttaattcc ctatgtctct tctatacttt 180  
 cctgtatttt ctactcttgt gtctcccttc actccaagaa tttacttctt ttttgtttgt 240  
 ttgtttgttt ttgagacagg gtcttgctct gtcgccagg ctggagtga gtggcatgat 300

<210> 1451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1451  
 aattccgttg ctgtcggaaa cctcaacaga cactgccgta acgaatgaat gggagaagag 60  
 gctttccacc tccccgtgc gactggccgc caggcaggag gatgccccca tgatcgaacc 120  
 acttgctcct gaagagaaaa tggaaaccaa gacggagtcc agtggaatag agacggaacc 180  
 caccgtgcac cacctgccgc ttagcactga gaaggtggtg caggagaccg tgttggtgga 240  
 ggagcggcgt gtggtgcacg cgagtgggga tgcttcttac tcggcgggag acagcgggga 300

<210> 1452  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1452  
 aattccgttg ctgtcgggtc caccgccacc tcgccggagt ccggggcggc cccggtgtcc 60  
 cctccgagcc tgctgcactc cacgtcccc taccagggtc ccagccccca gggaaatctc 120  
 cgaccaggcc cgcccaggag ccagatccag gctcctggaa gaaccatgtc cggcagctac 180  
 tggatcatgcc aggcacacac tgctgcccga gaggagctgc tgtttgaatt atctgtgaat 240  
 gttgggaaga ggaatgccag agctgccggc tgaaaattac ccaaccaaga gaaatctgca 300

<210> 1453  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 1453

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caacaatatg catcatagaa atttagaaaa cagaagaaaa gtcactacag tcctaccact    120
cttactgtta cgggtattaga aatatatata gtggatagcc ataagtataa atgatcncat    180
atagcatgtn ttttataaaa attgggtttat actgtacatt ctatcttggt angngatggn    240
tttcantgac cactgtatca tgcccatctc cctctntctg ctgtctgtat tcttcttgat    300
```

<210> 1454

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1454

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aattccggtg ctgtcgggaa aactacaggt gttgtccaag ctcttagcgg ttatccacga    60
acttcgacct actgaaaaag tgggtgtggt atccgactat acacaaacct tgaacatttt    120
acaagaagta tgtaagcgtc atggatatgc ttatacaaga cttgatggac aaacaccaat    180
ctctcaaagg cagcagattg ttgatggcct taacagtcaa cactcttctt tttttatttt    240
tttgtaagt tcaaaagctg gtggtgtagg acttaacctc attggaggat ctcacttaat    300
```

<210> 1455

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1455

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aattccggtg ctgtcggcaa aatagtattt tctattactg tgcaggggaa agggatggat    60
cgatacatgc aaatttaatg tagtaactca cttttccata tattttgaat gtatatttct    120
atattatgata ccaatttata aaaaataatt acacagaaaa aatggaatag gaaaaattat    180
gcattctagca catttaaaact gtgcaaatat gaaaattttt cgaggattac attttatctg    240
aagggtgcat attttaactg gctttaaaac tgtaacacat cacataaaaag atactttacc    300
```

<210> 1456

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1456

```
aattccggtg ctgtcgaaaga aaattttcta tgattataat attccaagta agtttctctt    60
ttgagatcat ttgtctattg taggaagtca ggtaataaag tttagtttta aaaaacaaaa    120
atcttctcaa tcaggattct ttctgacctt ttaatctcag ataagtataa tagagtatta    180
tttcaaggat tccccttcta gcacaatctt gctcaagatc aggccaagaa tatagacagg    240
ttcagtaaac cacaagtgtc ctaaacctgc ttgaacctat gtaagaactg agcagtgggg    300
```

<210> 1457

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 1457



```

aattccggtg ctgtcggtag agacgggttt ctccatgttg gccaaagtgg tcttgaactc    60
ctgacctcaa gtgacctcacc tgcctcagcc tcccaaaatg ctgggcttac aggtgtgagc    120
tactgcgcca ggcctaatat cttttttttt ttttnaaaana aagnntngtt tngggcccag    180
nnngaagtgn aggggggnaaa tttnggntaa tngaaccntc ngcntccnng gttaaaaaaa    240
tttcnngcn taacntcnn ganaannngg aannacgggn tngcccnaca accccaa      297

```

&lt;210&gt; 1458

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1458

```

aattccggtg ctgtcggatt ttttttttct ccagaggctt agcgtaggtc ataccccaga    60
tggtgatgat gaatatattg attgctatct cagggcgaaa tctcaaaagt ttgtgttgcc    120
cttttaggaa tttcacagtt tatattgacc tataaccaag aggcaggttc attatgttta    180
attgcattaa aagataaaaag aagtagacaa attgaaagga aaaagagccc agagattggt    240
acctttttat caagcnacan catgccacaa actttgcata cataaaaaat aataacctga    300

```

&lt;210&gt; 1459

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1459

```

aattccggtg ctgtcgctct acttttaacc agtctcataa aatgcctggg gttcataggt    60
gaagctggat tggtgcagga attctgcaat tggtggcaaa gcgaaggga gtttgactcc    120
ttaattataa agttggatgt catttgagaa actctgggaa ttggaagtag aacaaattca    180
tactttccct ataactttta atttcttgtc atacattcag aaaacaagag atgtaaaatt    240
cataaaactg cttgtataaa ttcagaaaac gggattataa aagcaaagac aaattgtctt    300

```

&lt;210&gt; 1460

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1460

```

aattccggtg ctgtcgatat aaccaggaa cgtgacagtc ttatgtgttt ggcaaaatgt    60
ttagaaagtg agaaggatgg agtgcttaat aaagtcataa aaagcaacat tgcctggga    120
aagttagagg aaaaagtcaa gggctacaag aagcaggcag cactgaagct gggggacatc    180
agtcaccgtc tgctggagca gcaggaggac ttcgccggca agacagccca gtaccggcag    240
gagatgcggc acctgcacca ggtgctgaag gacaagcagg aggtgctgga ccaggcgctg    300

```

&lt;210&gt; 1461

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1461

```

aattccggtg ctgtcgcttg caccgtgttg acagactctc cggttctggg gaaatccagt    60
ccctgttact ccattttggc cagaaattca aggatactgt catgaagcag acacatgctg    120
acacacctgt tgatcattgt ctatctggca taagaaagtg tagcagcacc ttaagctta    180

```

aaagtgaagt caacaagcat gaaacagccc ttgaaatgca gaatccaaat ttgaacaata 240  
aagaatgttg ttccacctt acgttgaatg gaaactccag aaaattagac cgtagtgtgt 300

<210> 1462  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1462  
aattccgttg ctgtcgctgg cttcctcagc attgccgaga tgtacagctc tgtggcagac 60  
cagtgggtgcc tgattgtccc catgcacacg cgcaggagcc gggctctccct ggtggccagc 120  
tgtgggcgcc tctacgctgt tgggggctac gacggacagt caaacctaag ctcagtggag 180  
atgtatgacc cagagacaga ctgctggaca ttcattggccc ccatggcgtg ccatgagggg 240  
ggggctcgtg tgggctgcat ccctctcctc accatctaag gcagaggatg ggatgtgggt 300

<210> 1463  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1463  
aattccgttg ctgtcggaga tgtactgtgc ttatggatat gaagactcaa taacatgtca 60  
attctccaca agttaataaa tgtataaatt tacttcaatt gaggattttt tattagacat 120  
agacatgctg attttaaaat tcaaatggag gccagggtata gtggcttacg cctgtaatcc 180  
cagcactttg ggaggccacg gcgggaggac tacttgagcc caggagtgtg agactatcct 240  
gggcagcatg gtgagacctc atctctacta aaaatacaaa aattagccag gcattggtgt 300

<210> 1464  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1464  
aattccgttg ctgtcgctct gttctcttgg ctaatgtatt tttatcacac ccaagaaatt 60  
taacgtttat aagatgtaat catttaatat accaaccatg tgtatactgc ttcagttgct 120  
cctcagattc ctgaatctaa tcagatataa cactttgcat tttgtttacc ggtctctcta 180  
gtcttctgta attttcccag ttttttccca taatactgat ttttttttca gcattaaagc 240  
tagctctctt gtagagtagt ccacagtctg aatttatctg attgtttcat gattagattc 300

<210> 1465  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1465  
aattccgttg ctgtcgaaag gttacattct ttttggttca tctactcaga agctatttaa 60  
tgaatgttca ctccatgtca ggcattgggc atgttttcat ctctaccagt aacgctgaac 120  
tttcttcttg tgtgcatcag cctgttgttt tcttttgtaa atgttctgtt cgtgtccatt 180  
atcaactttt ctactagggt gtgactgttt ctatgatata tttataacga tgtgtgtgtg 240  
tgtgtgtgtg tatacgatat ttggggtaaa tacttttccc agcttctttg acttttaatt 300

<210> 1466  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 1466

aattccggtt	ctgtcggcgg	caaattgtgg	aacagatgga	aaagaaccag	gaggagcgat	60
cgctgcttgc	tgagcagcgg	gagcaggaga	aggagcagat	gctggaatat	atggaacagc	120
tccaagagga	agatctaaag	gacatggaac	gaaggcagca	acaaaaactg	aagatgcaag	180
ctgagattaa	gcgcataaat	gatgaaaacc	agaaacagaa	agcagaactc	ctggctcagg	240
agaagctggc	agaccagatg	gtgatggagt	ttaccaagaa	gaagatggct	cgagaagcag	300

&lt;210&gt; 1467

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1467

aattccggtt	ctgtcgcaat	ttctgagtct	ctttctat	aatgccacca	atttctgagg	60
aactagagt	cagagtggat	tgcttttcag	ctttttctat	taggattcag	atagcttttt	120
aattgctgct	aatataattt	tcattcataat	tgcttttttg	ttttcaaaat	tcagttaata	180
ttttttcttc	tcattcattt	tgacttttga	ggttcatgcc	atttgtaaaa	ccctctttgt	240
tgtcttttta	ttggaatttt	gagagggagt	taaatgtctg	tttttaactc	accatcttta	300

&lt;210&gt; 1468

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1468

aattccggtt	ctgtcggaca	gcagctccga	ggtcggcggg	ggctctgggtg	gccatggagg	60
agccccctgt	gcgagaagag	gatgaggagg	agggagagga	ggacgaggag	agggacgagg	120
ttgggcccga	tggggcgctg	ggcaagagcc	ccttccagct	gaccgccgag	gacgtgtatg	180
acatctocta	cctgttgggc	cgcgagctta	tggccctggg	cagcgacccc	cgggtgacgc	240
agctgcagtt	caaagtcgtc	cgcgtcctgg	agatgctgga	ggcgctgggtg	aatgagggca	300

&lt;210&gt; 1469

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1469

aattccggtt	ctgtcgccaa	aatgtatccc	agtaaagggc	tttggtaaaa	aatataaata	60
atttgaacaa	gtgtccagag	gggagataat	gtacagaagg	aaaaaagaat	aatgggcttt	120
taacttcttt	tttttccctc	agtttttatc	tttttctat	atagagatgg	gagtctcact	180
atactgcgca	ggctggtctc	gaactctctt	gggtccaagt	gacccctcca	cctcggcctc	240
ccaaagtgtc	ggagttacag	gcttgagcca	ctgctcctgg	ccagcttcta	ctttaaacct	300

&lt;210&gt; 1470

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1470

aattccggtt	ctgtcgacga	gcttttgctg	tggtggccag	actggctctca	aactcctggc	60
ctcaagtccc	aaattgctgg	gatttaggca	tgaaccacta	tgcttgccca	taccgtacag	120
aaacactctt	atggtgtatg	tatgcgtcta	tttggaaact	agttttgtag	tcttttttta	180
aaatcatact	ttattatagt	accttggtat	cattttgaat	atgttaaata	aacactataa	240
tagttaaggt	agacagaaca	ttaggacata	ccgtattcta	tattttttcc	tctgtatttg	300

&lt;210&gt; 1471

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 1471  
 aattccggtg ctgtcgtaat cttaaaaaata cttgcctcaa agattttattg ggataactaa 60  
 gatctgtaat acttggagat aggaactatg tcacatagtg catgacacat gaaaggcact 120  
 taatattcat tgaattgaat taaatctcac agattttaaataaaaaggcctt tgccttaatg 180  
 ttcaactttg tatttggtat gaggtctctc tgtctccctt caattaaatg atatttagag 240  
 gtatgctcac aatagattag acatagttaa tttttttttt tttttttttt tg 292

<210> 1472  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1472  
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 cagagaatta ccagaaaaata aaattacatg aagcttgaat ataggggagat ggaaagatat 120  
 tagacaaata ttaaagaaaa tctgggccag gtgtggtggc tcacacctgc aatcccagca 180  
 ctttgggagg cccaaggtgg gaagattact tgaggcaagg ggttnganan cngcctgntc 240  
 ntnatannga anntnngctc ttnanannag antgngntna ntagagtaat taa 293

<210> 1473  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1473  
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 tatgtgtgaa ttgacaactt gctaaagtcc cccaaatttg ttgtttctaa agaattggaa 120  
 accatttgag aggagctatt gtaagagggg acttcagcct tgatcattag ccgtcaggag 180  
 ctctccctca ggaagatcag atttaacagt ttttgagaaa cttgagattc tgaaatgctc 240  
 cacggcctgc ttaccctttg gaaagactgt aaggggtaga agtaccacaac agaagaccac 300

<210> 1474  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1474  
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 aacagaaaaa ggaaattata tattctgtat caacaaagat ttaacaaaaac atccatacac 120  
 tacaactgtc tacttactaa aattaagaat tagtatatta tcttttttct tcttatatta 180  
 aaactatctt ttcatacact attttaagtt tatgaactga aagtctttta gagataattt 240  
 acttcaatga actattatta tttatatattt ataagcaaat tgtcacaact tgggtattagc 300

<210> 1475  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1475

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cagagggagt	tgaattcaaa	caccttgatt	tcttattatc	agctgtgtca	agatcaaatac	120
actcctcttt	ggcatgctgt	ttttttctag	aagtattact	cttgcccttag	ctattaccat	180
cccctctctt	gcttgttagt	tgatatttac	ttgctaattc	actctcagtg	cattgttttt	240
gaatccttagc	ctagtttttt	gtttgttgtt	ttgtttgttt	tgacagtgctg	cttactgcaa	300

&lt;210&gt; 1476

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1476

aattccggtg	ctgtcgggac	tacaggtgcc	cgccaccaca	cccggctaata	ctttgtatta	60
caggatagag	ttcttggaag	cctggcgtgg	agggagggag	agcaggtagc	acagttacag	120
aaggatcttc	gggatattga	aatgctgtat	ttgtggacac	tcattcatct	aacacacatt	180
tggtgagctc	ctaattgtga	tagaactgaa	gggatggagt	catgggcagt	ggaaaagctg	240
aaattgtgta	aaagagagag	aaggatcagt	ggctatggtc	tcgaagatga	cgtggaagtg	300

&lt;210&gt; 1477

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1477

aattccggtg	ctgtcgaagg	gatccagtaa	ctgctcccag	ggaaaggata	tcagcttgac	60
ctgcagctga	cagctagtag	taactgtaag	ccacatgagc	gaacaatacta	ggccatccag	120
cccagaagaa	cattaagatg	actgcagctc	cagccaacat	ccggctacag	caacctacga	180
gaagccaaat	aagagcagcg	tagctcagtc	ctcccagaat	ttgggaccca	gaaaataaaa	240
gggaaactaa	acaggtaaac	aagttgttgt	tttacaacac	tgtgtttgag	agtaatgtgt	300

&lt;210&gt; 1478

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(288)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1478

aattccggtg	ctgtcgcgta	gtgtgggttc	cgggctccga	tgaccccagc	cagaacccccg	60
cctttgttca	tgcctagggt	agaggcataa	agttcagcac	agccacaggc	cacaccttgt	120
tatgggcctc	agaagccatc	tcctctccag	acctgtacca	caaagctcct	aatgtaacac	180
atcattgtcc	tcattcaact	tggctgtatg	ctattggagg	gtggaaatca	catctcctgt	240
ttatccgtgt	gcttgttagg	tgtcagccgn	cacccccccc	cctatgac		288

&lt;210&gt; 1479

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1479

aattccggtg	ctgtcgagaa	ccttgtggtc	atcaataaag	ccctacgggc	tcctgtgtca	60
tggtggccct	ggggtcacgc	tctgcatcac	tgatgtacta	cctatcctgg	caaagatgct	120

tcattgccac	aaggcagagc	ccttgcatct	gtgccaccgg	ctggacaagg	aaaccacagg	180
tgtaatggtg	ttggcttggg	acaaggacat	ggcacatcaa	gtccaagagt	tgtttaaaac	240
ccgtcagggtg	gtgaagaagt	actggtatga	ggcctgctga	tggcagtaga	ggtggtataa	300

<210> 1480  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1480						
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aagtaaaatc	ttggaaaatgc	actttttata	caggatgatt	atttgcccag	ccgaaatgta	120
gggtttccat	tattatcaaa	gaaaaaagag	cagaatagga	gatagctaca	agtctctatc	180
tcttacagaa	tgtaagtcag	acacatcact	tgaggggctt	aaaattttta	acatttcttg	240
atgctttatg	cttatcattt	gtaatggaag	atttgtatgg	tggtagcctt	ccataaagac	300

<210> 1481  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 1481						
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tttttttant	ggagtttnag	gcttccagng	ccntatcagn	ctttatataa	atcngtngaa	120
naatcggttn	ttntaaaatc	aaagtaaatt	tntngnncat	gttnaaggag	ngaaaaggaa	180
tttgggnata	tgnaattttg	ctagnnctta	nggcttcnat	ctaaaaangt	tnatgangga	240
ccaggcncgg	gggctnatnc	ctgggaccc	ancnctttgg	gaaaccagag	cggccgga	298

<210> 1482  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1482						
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tgctgctaaa	gccctgccag	tcttcctact	gctactgtca	ggaggtgctg	gaccggctca	180
tccaatgcgg	gctcctgggt	gctgaggaga	ccccaggctc	ccggccagcc	tgtgacacag	240
ggcgacagcg	attgagcaga	aagctgctgt	ggaaaccgag	tggggacttt	actgatagtg	300

<210> 1483  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 1483

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catttccata tacatttttag aatcaattta ttccacaaaa agctaccaac aacaaaaaag      120
cctgttggga ttttattgga attgtgtcag atctatagat caatttggga ggactgtatt      180
ttagacttgc tcaagtattg gatactttct tttttttttt ttttaaaacg gnntttngct      240
ttngtnnccc aggnngnagg gentnggcnn tntttgggct      280

```

&lt;210&gt; 1484

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1484

```

aattccgttg ctgtcgccca tcaactacagt caatttttaga acattcatta tccccaaaag      60
aaccctgtac ccattagcag ttattatctt tactttttta atgcgggaaa taaacctaca      120
tagaaagacc agaaagactt tatgtctctg aactgtataa actgactcca gcctacctgt      180
tgtacctttt gttgttgttg ttgttgttgt tgttgttata ccttattttc tactagtacc      240
cataatacat catttatatta attcaggctg ttttccctact tgtgctacaa agtggttatta      300

```

&lt;210&gt; 1485

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1485

```

aattccgttg ctgtcgaaat tttccagttc ttttttcagc ttctttatct cctcctaattg      60
gaaacattat ctttaaaagt tgcataatagg aaatatacat attttacgtt tgaacaagga      120
gatttaattg taaatatgaa agccaaagta ttectgaatg gtcaaataca gcaataaagg      180
cagaagaatt aagatttttc tttgttccat tgtacagtgt aaataactaa gttgttaact      240
gtcaagtcca gttatgtatt ctgtaagttg tgttctagtc tttgactaaa atttatcatc      300

```

&lt;210&gt; 1486

&lt;211&gt; 278

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(278)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1486

```

atcgagaact cttactacaa gctncttgtt ctttttgcag gatcccatng attcnaattc      60
cgttgctgtc gccaaaatgg cgcggtgtct gaaggctgca gccgcgaatg ccgtagggtc      120
tttttccaga cttcaagctc ccattccaac agtaagagct tcttcacat cacagccctt      180
ggatcaagtg acagggttctg tgtggaacct ggggtctactc aaccatgtat ccatagcagt      240
ccaaattngn antntgctgt tnnaatntat nacaatat      278

```

&lt;210&gt; 1487

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1487

```

aattccgttg ctgtcgggga gtccttgttg ccatccatcc ctagggggta attttgttcc      60
ctgaggctgc tttctaggga cttctgggtcg cttgttttat cctggaccag acctgaaagc      120
agagcctgaa ataaggcctt ctatgcacat catttatgta ggaggtggcc ctagggaagca      180

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ggcccaatgc gccatgggaa aaaccagtac caggggtgttt tgctgagttg agcactgtgg 240  
 tgggcagctg gacatgagcc cactggaatc ttctgaagag cccaagagcc tcttctcagt 300

<210> 1488

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1488

aattccgttg ctgtcgggag gcagggtgatg cagtttggac ggattgatgg cagtgcgtac 60  
 attctggact tccagtatcc gttctcagcc gtgcaggcct ttgcagttgc cctggccaac 120  
 gtgactcagc gcctcaaagt aagagactgg tgtggggagg agagagatgc agagagcctt 180  
 tgggaagagg ctctggagat gccagaggag ccctctaggg gtccgatgcc tgggaggacc 240  
 acaagccaac agcaaaactg gaaaagcccg gcaggcccag gagaggggcg tgacctgtgg 300

<210> 1489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1489

aattccgttg ctgtcggagc gaaaccatgt ttgtggctcg cagcatcgcg gcggaccaca 60  
 aggatctcat ccacgatgtc tctttcgact tccacgggag gcggatggca acctgctcca 120  
 gcgatcagag cgtaaggtc tgggataaaa gtgaaagtgg tgattggcat tgtactgcta 180  
 gctggaagac acatagtggg tctgtatggc gtgtgacatg ggcccatcct gaatttgggc 240  
 aggttttggc ttctgttct tttgaccgaa cagctgctgt atgggaagaa atagtaggag 300

<210> 1490

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1490

aattccgttg ctgtcgcaaa aaacaacaac aacaaaaaaa aactgttaac aatttttctg 60  
 tctgtgttca tgagggtgtg tagtctgttt ttggttcctt gtaatgtctt ttttctgagt 120  
 tatttgctgg cccttcctt taattttctg caagagtttg tagaaaattg tattacctct 180  
 cctgaaatat ttgctagaat tcaactagtga agctgcctgg ggctggagtt ttctttaata 240  
 tagagctgtt cagatagtct gtttattctt ttccgtttct gaaagtttgc atcttttaag 300

<210> 1491

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 1491

aattccgttg ctgtcgtgga gatggagcgg atgatgcagg cgggcactcc catgggcatg 60  
 gaggttggtg gagggcgggg cctcctgagc cctcccatgg ggcagtctgg gctgaggagg 120  
 gtggaccac ccatggggcc aggcaacctc aacatgaaca tgaatgtcaa catgaacatg 180  
 aacatgaacc tgaacgtgca gatgaccccg cagcagcaga tgctgatgtc gcagaagatg 240  
 cggggccctg nngacttgan gggcccca 268



<210> 1492  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1492  
 aattccgttg ctgtcgaacg tcttgaagaa tagtgaaaag tcaaagtttc aacagcatgt 60  
 gcctttccgg gaaagtaaac tgactcacta ttttcaaagt ttttttaatg gtaaagggaa 120  
 aatttgatg attgtcaata tcagccaatg ttatttagcc tatgatgaaa cactcaatgt 180  
 attgaagtgc tccgccattg cacaaaaagt ttgtgtccca gacactttaa attcctctca 240  
 agagaaatta tttggacctg tcaaattcttc tcaagatgta tcactagaca gtaattcaaa 300

<210> 1493  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1493  
 aattccgttg ctgtcgggtg agtgggtccg ggatggcagt gggaccctgc agaggagtgg 60  
 ctctcttggc aagatccggg atgtgctccg cagaagcagt gaactcttgg tgaggaagct 120  
 ccaggggact gagcctcggc cctccagcag caacatgaag cgagcagcct ccttgaacta 180  
 tctgaaccaa cctagtgcag caccctcca ggtctcccg ggctcagtgc ccagcaccat 240  
 ggacctctct tcaagcagct gacattcaac ccggcccccga ggtctgctgg gtccccccac 300

<210> 1494  
 <211> 252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(252)  
 <223> n = A,T,C or G

<400> 1494  
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 aggtgtgaga ggttttacnn agatctnact tgctagtcca caaatgccac atgtggacat 120  
 gcnnaccac tcaccctgtg ctgnctccac atntgtcaag ccctgaaacg cttcacaaga 180  
 cagacttttc tcttcgaagg gaaaccctat cttgcatttt actctacgct gntctttttt 240  
 tttgagactt ga 252

<210> 1495  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 1495  
 aattccgttg ctgtcgatga ggtgctggtg tgtggatgga tgagggtgctg gtgtgtgggt 60  
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 tgtgtggatg gatgagatgc tgggtgtgtg atggatgagg tctgtgtgna tnnatnaatn 180  
 nctattnctt tnnnctnaa ngenntnntt cattntant attatnnnctn ttnctttcaa 240

actnntnttn ncattattat nt

262

&lt;210&gt; 1496

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1496

aattccgttg	ctgtcgccgg	cctcctatgc	cttctttccg	ggcctgtttt	aagagcattt	60
tcagaataca	cacagaaaca	ggcaacattt	ggacacatct	cttaggttgt	gtattcttcc	120
tgtgcctggg	gatcttttat	atgtttcgcc	caaatatctc	ctttgtggcc	cctctgcaag	180
agaagggtgg	ctttggatta	ttttctttag	gagccattct	ctgcctttct	ttttcatggc	240
tcttccacac	agtctactgc	cactcagagg	gggtctctcg	gctcttctct	aaactggatt	300

&lt;210&gt; 1497

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1497

aattccgttg	ctgtcgcgac	agcaacgggtg	acatctttcc	tcggctcctg	tttgatctt	60
cttcagatct	taatggaggc	agatgttagc	agggatgaaa	tacagggtgc	tgtgctggat	120
actgaggatg	cgtggctctc	cgtggaagga	ccaatctcca	tagtggaact	ggcccttgaa	180
cagaagcaca	tccactaccc	actgggtggg	caccaactcca	tcctgtgctc	catcttgtat	240
gcagtcattg	ggttttctct	gaagaccgtg	aagccacttt	cactttttga	cagtaaggga	300

&lt;210&gt; 1498

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1498

aattccgttg	ctgtcgggtt	gcttaacaga	gtaaaaatgt	ttttaaaaag	tttaaagttt	60
ataaagtaaa	agcattacaa	taacctaat	ttaatttatt	atggaagaaa	gacattttta	120
aagataaatt	tagtttagcc	taggtatata	gtctaactat	agctggagtc	ttcaacatac	180
ctctatcaac	atttgataaa	acaagccaga	aatcatcaag	gatatagaac	catcaccatc	240
aaccagcaga	atctcattga	catttataga	acacttcacc	cagcagcagg	atacacattc	300

&lt;210&gt; 1499

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1499

aattccgttg	ctgtcggatt	tctactctgt	ctcctcaact	ctgttgatat	ttggggaaaa	60
ttctgttttt	catagattct	ttgagatgct	gatggaccag	cttcagcatg	tttgagggtg	120
tctgaaatgg	agatcactgt	aaaactgtct	ttttctttta	aattacaagt	acactggggg	180
taactgtatt	gctggaaaaa	catcaagaat	gacagtctta	tatttaaggc	accagtcatt	240
ggttccattt	ttttttttaa	ttcttccctt	ggattaatat	tttctactga	anagaaatga	300

&lt;210&gt; 1500

<211> 292  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (292)  
 <223> n = A,T,C or G

<400> 1500  
 aattccggtg ctgtcggaga tatgcgggca attcagcctg atgcaggtta ttacaatgat 60  
 ctgggtccca ctataggaat gttcaataat cctatgaatg cagtaacaac aaaatttgat 120  
 cctacatcaa caaattaagc aaagtgtcct gtattcttag tgctttggac taancaanga 180  
 atacgnttan ntacttgacc acttaccctc ctatcantgg tgnctaatac ctatgttaca 240  
 cgatnaagac acaggtttan nactttgccc ataatgttaa nttattgaca ga 292

<210> 1501  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (297)  
 <223> n = A,T,C or G

<400> 1501  
 aattccggtg ctgtcgggct ggagtgcagt ggctcaatct cggctcactg caaactccgt 60  
 ctcccagggt cacaccattc tctgtcctca gcctcccgag tagctgggac tacaggcacc 120  
 tgccaccacg cccggctaata tntttttttt tngggatttt aantaaaanc gggntttcat 180  
 natgttaccn ngnatggngc taatntccng acctggggat cncncnttt ngncnccca 240  
 atgggctggn attncngcn tgagccacna cncntagcct tcccnatcta tttttca 297

<210> 1502  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1502  
 aattccggtg ctgtcgaatc tctgtattat agctatttgt ctaacattac cccacatgta 60  
 ataaataaaa caatatgagc ataattgccc cataaagaac tcatgtcctg aattaataag 120  
 tcttttcatt gccagtcact tgtgcaattt atagagacta tcaacttttt tgcaccatat 180  
 atgaaggaaa caaagtgcga aaagtttgct ctctccctta agaaaattga gtgcttatag 240  
 cctatgtcct ccatataaaa aagtaagaat atcagtcctt ttaatgttat tctaagaaaa 300

<210> 1503  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1503  
 aattccggtg ctgtcggaga aatccatcaa caaaattggc cacgctctgc acgcccacga 60  
 ccccgctctc aagagcatca cacactcctt caagggtcag accttgccca gaagtcctgg 120  
 cctccagatg cccgtggttg tgacagagcat gtacatcttt aagtctcccc tcatcaggac 180  
 gcctccttcc tgtacacgga gccctggggc cgggtgctgg gcgtgtggat cgcagtggag 240  
 gatgccacgc tggagaacgg ctgtctcttg ttcacccctg gctcccacac cagtgggtgtg 300

<210> 1504  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 1504  
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 ctgtacacat cttatcaaca aagaatttga acctcaaaga attctcactg tgttacctag 120  
 gctgcagtg agnggtgcga tctcaactca ctgcnacctn tacctcctgg nntnaancnn 180  
 ntctnctgtc tnancnannn tanntntcat tntctacnnn ncttnnttgn nnannctagt 240  
 ntntttntcn tatntcatnt ctncac 267

<210> 1505  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 1505  
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 tgctatgaaa aaaaaaaaga aaataancca ggctgatggc acatgcctcn agtcccagct 120  
 tcacaanagg ttgaggtnan anaantgctt gaccanaag annaganncn atannngnga 180  
 nattaanngn aggnnngcat tntnctnnnn tagnnncnnn ctngacnntt gtcentnanna 240  
 ttctncngta tttnnccaan gaatngacnn atnaagnntn ctctnctcta aat 293

<210> 1506  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<400> 1506  
 aattccgttg ctgttccgtt gctgtcggcc taagcataaa accaaaatta taaaactcct 60  
 agaagataac acaggagaaa acctggatga ccttgggttg gcaatgactt tttagatata 120  
 ataccaaagg catgtcctt gaaagaaata attaattgag aagccagaag gcaaaatggt 180  
 acagccattt tggaagacag tttggccgtt tctcacaaa ctaaatatac tcttaccata 240  
 ccatgcagca attatactcc ttggtgttta cccaagactt gaaaacttgt gtctac 296

<210> 1507  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(286)  
 <223> n = A,T,C or G

<400> 1507  
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gtgaagataa gaaccataac atgtatgttg caggatgtac agaagttgaa ctaaacttac 120  
tgtacngnnt tataggcaca gtctaagaat nactattac ctacaggnc ngtaatatan 180  
aagaaatngn nntgagggan annnancact ctttcttann aactnatcag cncnnntaga 240  
tnttgggnta anaaaatacc gggngaaacc nncataaaat gattaa 286

<210> 1508  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1508  
aattccggttg ctgtcgggtca gtttttctag attggcaata gcctgttgca aagtgcctaa 60  
acctttgaga aaaattacta tgagcaaggt ccatgattta gttttcaata taaagggaa 120  
tccattctat actgtaaaat ccaaaaatgc tagttgccct cagcttttga gttgacttcc 180  
agaaagttga gatcttttga ccattttttc tctgtgcata taaaatgtgc cacatggtag 240  
ttgtcaagct gtggtagtc tgtacacttt tttctttttt ttaactttct aaaaggaaaa 300

<210> 1509  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1509  
aattccggttg ctgtcgggtga ttctaattga atgcagtga ctgagaggaa ttatgaacta 60  
ccaggaggtg gagggcctga agcacaccat caagctcctg acggtcatta aatggcatgg 120  
accaaaatgc aacaagttga actccaagtt ctggaaacgt ttacagtatg aaatgccttt 180  
taagaggata gaaccatta cacatgagca ggcttttagat gtcagtgagc aagggccttt 240  
tggggagctg cagactgtct cggccatttc catggccgcg gccacctcca cagctctagc 300

<210> 1510  
<211> 258  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (258)  
<223> n = A,T,C or G

<400> 1510  
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tactgaagca ggatgaagta agaggaatgc attcattaaa acatgctttg ctttatgaat 180  
tnttggctct ntthtatgtc nctntnnnt antnnnnnan ttnnattann ntnannttat 240  
tggtatntna ttannana 258

<210> 1511  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1511  
aattccggttg ctgtcggcct aagcataaaa ccaaaattat aaaactccta gaagataaca 60  
caggagaaaa cctggatgac cttgggttgg caatgacttt ttagatacaa taccaaaggc 120

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atgctccttg aaagaaataa ttaattgaga agccagaagg caaaatggta cagccatttt 180
ggaagacagt ttggccggtt ctcacaaaac taaatatact cttaccatac catgcagcaa 240
ttatactcct tgggtgtttac ccaagacttg aaaacttggt tctacacaaa aatctgcacg 300

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<210> 1512
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1512
aattccggtt ctgtcggctg gtcttcctcc ggcccggggc ctggcccagc tagccggcca 60
tggaagtga gaaaatgttt ggaagctctg tgaatacatc aaaaaccatg accagtatcc 120
tttagaagaa tgttatgctg tcttcataac taatgagagg aagatgatac ctatctggaa 180
acaacaggcg agacctggag atggacctgt gatctgggat taccatgttg ttttgcttca 240
tgtttcaagt ggaggacaga gcttcattta tgatctcgat actgtcttgc catttccctg 300

```

```

<210> 1513
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1513
aattccggtt ctgtcggcag aggcagatgt gttgctgagc agaaatgaca aagagggtgt 60
ttctgtccct tgggacctgag ggtccggtgg cagagccaga catgacaaca atgtaaagca 120
ccagcaaaat gtgatgtcaa agggaagcag aaatacattc aatctgatag gaggacctag 180
gaagggtctc gtgaagaaca ggaaggattg caccagaaag ctctgtctgc ttctgtaccc 240
cgctgtccc tccagctgc gcaggcccc ttctgtggat catcagcccc aagacaggga 300

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<210> 1514
<211> 295
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

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<400> 1514
aattccggtt ctgtcgaaga ggctgaggcg ggagaattgc ttgaaccag gaggcagagg 60
ttgcagtga ccaagatcac accattgtac tccagcctgg gcaacagagt gagactctgt 120
ctcaaaaaaa aaaaccaaaa aanaanaaaa aanaanaaag gaaanaang gaaaggaaag 180
gaaaanagan aganaaanana aanaanaaan acncttcntt tccgnaaagc cagccgnatt 240
cntcccagcg tnttnttgg ngctctgnnca tggataaagc ctcccnattc ccccg 295

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<210> 1515
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1515
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tgattactga ttcaatctct ctcattattg gtctgatcag actttccatt tcttcatgat 120
tcaatcttgg taggttgtgt gtttctctta gaaattggtc catttcttct aggttattaa 180
atttgtaggc atacaattct tcataatatt ctcttataat cctttttatc tctgtcgtat 240
tggtagtaat gttccctctt tcatttctga ttgtagttat tgaatgttct ttttttttct 300

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<210> 1516  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1516  
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 agtgcaactt acattacatg gtgagataag agagagaaga aaacaaagggt actgcttaat 120  
 atacacattc acacagacat attcataata aaataggagg aaatacttac aacaattaca 180  
 atcctcattt ctgtagctgt tcacatgggc gtggctggta tttataatta ctttgtctac 240  
 tatccaatct gtattccctt tcccttcaga aagcgcctca gctgggcatg gacccttacc 300

<210> 1517  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1517  
 aattcgttgc tgtcgcccg atgaagagggt gagctcccct tcgccccctc agcgagccca 60  
 gcgtggggac cactcttccc gggagcaagg ccacgcccct gggggcactt ctcaggccag 120  
 acagattgat ttcccgtgc ggatcctggt cccacccag tttgttggtg ccatcatcgg 180  
 aaaggagggc ttgaccataa agaacatcac taagcagacc cagtcccggg tagatatcca 240  
 tagaaaagag aactctggag ctgcagagaa gcctgtcacc atccatgccca cccagagggg 300

<210> 1518  
 <211> 129  
 <212> DNA  
 <213> Homo sapiens

<400> 1518  
 aattccgttg ctgtcggggg attttgtggg accgctgccc acagatccag gtgttggaag 60  
 ggcagcgggt aaggttccca agccagaccc aacaccctta ccacttggca cccagagggg 120  
 gctgcacct 129

<210> 1519  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1519  
 aattccgttg ctgtcgatac tctggtgacc agtggagtgt acgcttggtt tcggcatcct 60  
 tcttacgtcg ggtggtttta ctggagtatt ggaactcagg tgatgctgtg taaccccatc 120  
 tgcggcgta gctatgccct gacagtgtgg cgattcttcc gcgatcgaac agaagaagaa 180  
 gaaatctcac taattcactt ttttggagag gactacctgg agtataagaa gaggggtgcc 240  
 acgggcctgc ctttcataaa ggggggtcaag gtggacctgt gacgggcagt ggccccggtg 300

<210> 1520  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 1520  
aattccggtg ctgtcgagag gagaacaaac tggttgctga agccatgggt tccctgggaa 60  
gggggaccca cctgtgcggc acctggaatt cagaggaagg gctcncatnc ttgtgggnaa 120  
atgannaaca tggccattan nantgctggn atngngnang cncncntatc tngacagnna 180  
ctangnatnc naggngact ttntgaata tgnngnannn nntttacnnn tccctnntgn 240  
ntgntacctg ngtgcggntn ctntgacaan ctggtgcntn antncattcc gaatca 296

<210> 1521  
<211> 283  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(283)  
<223> n = A,T,C or G

<400> 1521  
aattccggtg ctgtcgtgaa cttttggctg aacctcatca ctggaactcc agcttcaaga 60  
atgtgttttc atgcccggcc ttgttctctc cataaatgtg tcccttagtt tcaaacagat 120  
ctttatagtt cgtgcttcat aagccaattn ttattattat ttttgggna ctntncttcg 180  
gaagattgcc ntgaagnntn nnnnaattaa naggacttt ngananaac tnnnattann 240  
tangtnncnn nacntnanna anattnnang antttgagga gtt 283

<210> 1522  
<211> 292  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(292)  
<223> n = A,T,C or G

<400> 1522  
aattccggtg ctgtcggctg ggctgaccac gttactcatc cccgttaaca ttctctctaa 60  
agagcctcgt tcatctccaa agcagttaag gaatgggaac cagagtgttt taggacctga 120  
agaatcttta tgactctctc tctttcactc tttttttttt ngccnntann tnaaanncaa 180  
agngnnngtt tnancgtttt ngtnntctc gggccccnng ttncannnan gggncaaaang 240  
ntttggnntt aagncnatcc cncntnaaa tttnggggacn aattttaatt cc 292

<210> 1523  
<211> 269  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(269)  
<223> n = A,T,C or G

<400> 1523  
ccggaatacc tctactcggg cattttgcag gancccatng attcgaattc cgttgctgtc 60  
gattgtcagt ttgatattta ttttaaattg tggaactaga tgcataaatt cacatttctg 120  
cctttccttt gcatcttctc atatattgtg tttttttttt tttcccnaaa aaaaanantta 180  
aanncatntn tnancngnaa aaaccnnnnn tntntgtanc ccangannta nncceggncn 240



nanngnannnn atnttaattgt anaatttta

269

&lt;210&gt; 1524

&lt;211&gt; 265

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(265)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1524

aattccgttg ctgtcgagga gatgcagttc ttaatgaagc tgctcaaatt ctgcgattgc	60
tgcacataga ggagctcaga gagctacaga caaaaatcaa cgaagccata gtagctgttc	120
aggcaattat tgctgatcca aagtnanacc acagactgtg aaaagttgga cgatnagtac	180
ntgatgnnnt cngntaggta ncnnnancta ttatgncnan ctacanagnc tcggngccnn	240
gcagngctnn ntnccnnat tcttg	265

&lt;210&gt; 1525

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1525

aattccgttg ctgtcggtcc agtgccaaga gggcccggca agaagaagtg acaatgaagt	60
cttttcttgc ggacactccc tcctgtctcc tattttctgt aaataatttt ctcccttttt	120
ctctcttgat gctcaccacc accttttgcc ccttctctgc tgactttata agagacagga	180
tttggtattct tcagaaatta caggaataat catttttctc taccagttg tggcaagggc	240
caggcaccac ccatctaattg atgaagaagg acctaaaatt tggtttgcta ataccaact	300

&lt;210&gt; 1526

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1526

aattccgttg ctgtcgatga gaataaagtt agaatgagaa tgttcctagc atggtgcctg	60
gcatgagcag attctcagca gatgggccct cctgtaatcc gctgagggct ctccctgcagt	120
gccagcaggg atcctagtca ttgtctccac cactcctgtc tgtcttcacc cagaaccttg	180
tctggatcct gggaggaagc aaacatctcc tgggtgggaat gtgagggcct gccaggttgt	240
aggagtaact ggaaaagggc aggtggccct gccactatg tgggcacctc atgataaatg	300

&lt;210&gt; 1527

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1527

aattccgttg ctgtcgaaa atattattat gttagtttta gcgtggaaat tggaggctga	60
aagcatggga ttttttacca aggaagaatg gttaaaagga atgacttcat tacagtgtga	120
ctgcacagaa aagttacaaa acaaatgtga ctttttgccg tcacagtga atgatatttc	180
gtcatttaag aatatctaca gatatgcctt tgattttgca agggataaag atcagagaag	240
ccttgatatt gatactgcta aatctatgtt agctcttctg cttgggagga catggccact	300

&lt;210&gt; 1528

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1528  
 aattccggtg ctgtcgggaaac tgggttaggt gccgctgttg ctgctcgtgt tgaatctaga 60  
 accgtagcca gacatgggac tggaggacga gcaaaagatg cttaccgaat ccggagatcc 120  
 tgaggaggag gaagaggaag aggaggaata aanggtanaa actggnttac anntgctttn 180  
 atatgangaa tcaaaggcna nancnctntg aggtagtntt acctnnacct gcgntntnct 240  
 atgntcctttt antgctgngt tgaanggtnt nannatnnnt ananattnnna aanccagctg 300

<210> 1529  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1529  
 aattccggtg ctgtcgaaaa gccttaatgg ccatgaataa cctgagttag aattatgaaa 60  
 atcaggggcgg gcttcagggtg tacatgaata aagttagtga tgatatcatg gcctctaacc 120  
 tgaactcagc agttcaagta gttggactaa aatttctaac aaacatgact attactaatg 180  
 actaccaaca cctgcttgctc aattccattg caaacttttt ccggttgcta tctcaggagg 240  
 gtggaaaaat caagggttag attttgaaaa tcctttcgaa ttttgctgaa aatccagata 300

<210> 1530  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(261)  
 <223> n = A,T,C or G

<400> 1530  
 aattccggtg ctgtcgggac actttgtgat ttccattaa gccaactgca ttgactccac 60  
 agcctcagcc gaggccgtgt ttgcctccga agtgaaaaag atgcaacagg agaactgaa 120  
 gccgcaggag cagttgaccc ttgagccata tgaaagagac catgccgtgg attnatngat 180  
 atgnatntta anannannnn gtnnnttaan naaagttcnn ntanattatn atnttaaten 240  
 gnnattannn aanntntgng c 261

<210> 1531  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1531  
 aattccggtg ctgtcgccaa gtccatgcgc tccatgaatg gctcgcggcg gaacagtggc 60  
 tcctcgctag tgtccagctc ctcggcctcc tccaacctga gccacctgga ggaggacacg 120  
 tggatcctgt ggggccggat cgccaacgag tgggaggagt ggcggcgag gaaggagaag 180  
 ctgctcaagg agctgatccg caagggcac cccaccact tccgggccat cgtgtggcag 240  
 cttctgtgca gcgccacgga catgcccgtc aagaaccagt actccagct gctcaagatg 300

<210> 1532  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1532  
 aattccggtt ctgtcggagc aattaaattc attgtctcag ttcaagagt aatatagcaa 60  
 cttatgtgaa cctgagcagt ttgtggttgt gatgagcaat gtgaagagac tacggccacg 120  
 gctcagtgtc attctcttta agcttcagtt tgaagagcag gtgaacaaca tcaaacctga 180  
 catcatggct gtcagtactg cctgcgaaga gataaagaag agcaaaagct ttagcaagtt 240  
 gctggaactt gtattgctaa tgggaaacta catgaatgct ggctcccga atgctcaaac 300

<210> 1533  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1533  
 aattccggtt ctgtcggcgc gaaccacgag gagagcagtg agaccatgaa tgacttgctg 60  
 gccaggtgg ccactaacac ggacaccagc cgaaatgccg gaaatgcggt cctgtttgag 120  
 acagtactca ccatcatgga tatccgctct gcagctggcc tacgggttct agctgtcaac 180  
 attcttggc gcttctact caacagtga aggaacatta ggtatgtagc cctgacatca 240  
 ctgcttcgac tgggtgcagtc tgatcacagt gctgtgcagc ggcatcggcc cactgtggtg 300

<210> 1534  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1534  
 aattccggtt ctgtcgaaaa taaagaggaa agccttttgg aaaagcgcag gcagctgtct 60  
 cgtgatattg gtagattgaa agaaacatat gaagctctat tagccagatt tccaatctt 120  
 cgatttgcac acaaggatcc agagaagaac tggaatagaa attgtgtgaa aggacttgtg 180  
 gcttctctga ttagtgtgaa agacacttct gcaaccacag ctttagaatt agtggctgga 240  
 gaacgactct acaatgttgt agtagacaca gaagttactg gtaaaaagct actagaaagg 300

<210> 1535  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1535  
 aattccggtt ctgtcgggtc tgcattagca tctgctggtg atcctggaca tccaaatcat 60  
 cctcttcacg cttctcagaa ttcagcgaga agagagagga tgactgcgcg agaagaagct 120  
 agcttacgaa cacttgaagg cagacgacgt gccaccttgc ttagcgcccg tcaaggaatg 180  
 atgtctgcac gaggagactt cctaaattat gctctgtctc taatgcggtc tcataatgat 240  
 gagcattctg atgttcttcc agttttggat gtttgcctcat tgaagcatgt ggcataatgt 300

<210> 1536  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (242)

<223> n = A,T,C or G

<400> 1536

aattccgttg ctgtcgattt tattttgata cttgtttaa	60
tagtcattcc tgtagaggga taagatgctt gtagagtgt	120
ctgttatgat ttgggaaata ttctttacta caaaggactt	180
ccttcatatt tgcctttggn nataanannt nnaggaanga	240
aa	242

<210> 1537

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1537

aattccgttg ctgtcggtgt gtgtgtgtgt gtgtgtgtgt	60
agcattgata aaattctaga ctttcctaac aataacccca	120
aattgctaata gttataaaga ctacttgtat aaaactaat	180
agccatttcc tttagaatca gaaacaaaac aagaatgcac	240
acattgtttt agaaattcta gagactgcaa tacacaagaa	300

<210> 1538

<211> 260

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (260)

<223> n = A,T,C or G

<400> 1538

aattccgttg ctgtcgaaa tgcaaggggc tgcatacct	60
aattacaggg tgactcacag ccgcattggt gactcattc	120
tgtgtgtgag cagtggacac gtgaggggga ggtgtggag	180
ntgctcnnta cntnncnntn ctnccttntt aaccgncna	240
ntanngcact ttncctnngtc	260

<210> 1539

<211> 284

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (284)

<223> n = A,T,C or G

<400> 1539

aattccgttg ctgtcgaaaa tgcccagtc ggtctgaatc	60
ctgagcactt tagaatttag agttgcaatt gaatgccagc	120
cagatatata aataaagctc angtttgtn nggaaccnng	180
anntntntnt nnttnnantn tntanagnna tnncttntt	240
nnatantngn nnttttgtnn atananncn nanacctgtt	284

<210> 1540

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1540  
 aattccgttg ctgtcgcgca ctccctcttt ctctcttttc ctgtatcttt cccttttaat 60  
 ttgctatagg aaaaacttaa acatgagtga gcaaagagga ggatgcaact gaatatTTTT 120  
 ggaaatgtgg atatcatata agggcttgga agatcaacac tgggatgatg atgagcagaa 180  
 tggtcatgaa gatgcccaaa atcagggccc agatgttcag gcacttggcg gtggaggcat 240  
 aggcctgggc gccagtcagg tcgccaacca tcttcctgtg cctagacttc acggagtaag 300

<210> 1541  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1541  
 aattccgttg ctgtcgggca cgtcctcgtg tatectgtgg aggacctga ccccgacccc 60  
 caccctcgag gccagaaatc gggtgcctct ggggacctga gaagcgagac cactcgcgcc 120  
 cctgacttgc aagttggggg ctttattggc ctccgggatt ctgctcgtgg cggtttctcc 180  
 aggcgtgtga tgggcaagcc ggggtgtacca agtccaggat gcacatgagg agccgtttgt 240  
 aaccgcactg aatcacctca tgactagcgg ggcaggcctc taattcaccg cagggaatttc 300

<210> 1542  
 <211> 265  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(265)  
 <223> n = A,T,C or G

<400> 1542  
 aattccgttg ctgtcgggatt ctccccctct tgaaaaaaa tcgatttttc aggatttaat 60  
 taatacaaac cttatttttag gttggtgctt aactggaggt gatgcataag tctgattttt 120  
 ttttccaaga tagaaaaagc atttatccta acaaattggg attttttata agcctccatg 180  
 tggctctgaa tgcaagctat atatagttag tttttctaaa ttaagggaac tctgcttttt 240  
 tttttttttt ttaanaanc gggnc 265

<210> 1543  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1543  
 aattccgttg ctgtcgggtg aggggcccg tccaagagtc gtgagggggg gacgggttaa 60  
 gattcggaga gagaggtgct agtggctgga cttgacctgg aaagaatctt ctgctgactc 120  
 tcaacttttc ctggaaaaaa tggatcattc ccaccatag gggatgaagc tatatggact 180  
 ccacagtacc atgcaccttt tcaccatacc ccaccttc accttacct cccatggggg 240  
 aaggagacag cagcatgatg atgatgccta tgacctctac ttggcttttaaat gaatgtggac 300

<210> 1544  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1544  
 aattccggtg ctgtcggaat atgatacttt ggaggggaaa tgcttggcgt gtgtacaagt 60  
 atgaggagac caacttacac aacccatcaa atacttatgc tcctcatagc caaggaggta 120  
 ttccacctcc tgctggaatg taattaaagg gagaaacaca ctgtatgaaa tatatgtcta 180  
 tatcatgact tggtgccaac atcttgaggc acattatgtt tttccaataa aagtaatgtt 240  
 tttttttttt aannccccc n tgagatatca cctcacaccc atcagantgg ctactgtaaa 300

<210> 1545  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 1545  
 aattccggtg ctgtcggttt ccactattga cactgcccgg ctgattcaag cttttggcca 60  
 tgaaagagta tgcttgtcac ccagacgaat taaattatat agcagcatca ccaaccaaca 120  
 gaggagatac cttgagaagc ggagcaaaca cagcaagaaa gtgntgaaga ctggncantc 180  
 ccctatngac ttntgatcac accagaangn atcncattca agnancnnnc catntatant 240  
 tnncccttacn ntaannnnnt nnctngc 267

<210> 1546  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1546  
 aattccggtg ctgtcgggag taccgggatt ctgatggaac ctcattctgtt tgaattacta 60  
 gcccagaggg tcatactct ttacctgcaa acagtacctt ctctgatgtc tgggagaggt 120  
 gggtttatttc ccatatactt gttaagtgtg gatcttgggg aagaacaact aacaccagaa 180  
 acatcacatg ttggctgttg gggaggtgct tgtccatttt gtatcccttt tattttttcc 240  
 caatcaacag agatccagtt agaaggagca gcaagacctt ccaggaggcc atgctggaag 300

<210> 1547  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1547  
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 tacagctgag gaaccgccc cgccggcagc tgaaaaagtt ggatgaagat agtttaacca 120  
 aacaaccaga agaagtattt gatgtcttag agaaacttgg agaaggatta ctgtagatgc 180  
 agtatatgga atcaggaatc ttaacttcat gtgagctatt ggagtttcct ttgctatcag 240  
 gatcataagg gaggggtctat gcagcgtata caagctattc ttaaggagac cggccagatt 300

<210> 1548  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 1548

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ggcccagctg	ggtggctgtg	gaagtctgtg	aggtggccca	accacaagca	tacctattaa	120
gagaagccca	gagcttccag	ccccacttc	gaaaactctc	tctggccac	atagcaaaact	180
ccttcttccg	tatttttccc	aaccccagaa	tttttttaaa	aaggccactt	tgccggaacc	240
ttctttgggc	cattttggtt	tccaatcaag	cccaagggtta	tatgaataaa	gggggttaac	300

<210> 1549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1549

aattccggtg	ctgtcgagca	ctctatgttc	gttatctcat	ttgctctaag	tatgtaaata	60
gggaactgat	gaataaaaaag	gtgagtgaaa	tgacttggtc	acaaaaaaag	tgataaaaat	120
ggggattaca	gttcagtttc	attgactctt	agaatttttt	ctccttctcc	ccagcttttc	180
atthtgaaaa	aattcctaac	atacagtaaa	gaacagaaca	acaagcacct	agattaaata	240
gtcattaatg	ttttgccata	gttgcttgat	ttttctttct	acacacacac	acacacacac	300

<210> 1550

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1550

aattccggtg	ctgtcgcttt	tacggaatta	agcagagaaa	atgatgaaga	gaaagtcacg	60
tttaatttga	gtaaaggagc	atgtagtca	tccggagcaa	catcttccaa	gtcaagtact	120
ctgggaccga	gtgcactgaa	gacgatagga	agttcagcat	cagtgaacg	aaaagaatct	180
tcccagagct	caactcagtc	taaagaaaag	aagaaaaaga	aatctgcact	ggatgaaatc	240
atggagattg	aagaggaaaa	gaaaagaact	gcccgaacag	actactggct	acagcctgaa	300

<210> 1551

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1551

aattccggtg	ctgtcgagcc	tctagacatt	gcggccgcta	tctacgtaga	tccagacatg	60
ataagataca	ttgatgagtt	tgacaaaacc	acagctagaa	tgagtgaaac	aaaatgcttt	120
atthtgtaaa	tttgatgatc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	180
gttaacaaca	acaattgcat	tcattttatg	tttcagggtc	agggggaggt	gtggggaggct	240
ctnatgtcca	ccagnagttg	ttcnaccct	cncangtnc	caggtgggat	cacctgatac	300

<210> 1552

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1552

```

aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg      60
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaag aaaatgcttt      120
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggaggt gtggggagg      240
ttaa                                             244

```

```

<210> 1553
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1553
aattccgttg ctgtcgggta gaaatgggtc catttaaaaca tacgggtgat gatgggtctgg      60
atattagaaa ggcagcattt gagggtatgt acacacttct agacagttgt cttgatagac      120
ttgatattct tgaatttcta aatcatgttg aagatgggtt gaaggacat tatgatatta      180
agatgctgac atttttaatg ttggtgagac tgtctaccct ttgtccaagt gcagtactgc      240
agagggttga ccgacttggt gagccattac gtgcaacatg tacaactaag gtaaaggcaa      300

```

```

<210> 1554
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1554
aattccgttg ctgtcggcct tggtacagca aatactatcg atcagaaaat tgtggaaaga      60
gcagctgcta aaaggaaact ggaaaagttg atcatccata aaaatcattt caaagggtgg      120
cagtctggat taaatctgtc taagaatttc ttagatccta aggaattaat ggaattatta      180
aaatctagag attatgaaag ggaaataaaa ggatcaagag agaaggatcat tagtgataaa      240
gatctagagt tgttggttaga tcgaagtgat cttattgatc aaatgaatgc ttcaggacca      300

```

```

<210> 1555
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 1555
aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg      60
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaag aaaatgcttt      120
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia      180
gttaacaaca acaattgcat tcattttatg tttcagggtc agggggaggt gtggggagntt      240
tccntaatn taanancnnt atgncnctag natgttacat gatgncnngn ncctgtgct      299

```

```

<210> 1556
<211> 291
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

```



<400> 1556  
aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg 60  
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt 120  
at ttgtgaaa ttgtgatgc tattgcttta ttgttaacca ttataagctg caataaacia 180  
gttaacaaca acaattgcat tcattttatg ttccagggtc agggggaggt gtgggaggnt 240  
ttgnccccct ntggcctttc ctancancct tcnacacna cnnnacacct c 291

<210> 1557  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1557  
aattccggcc tgtcgagcct ctagacattg cgcccgctat ctacgtagat ccagacatga 60  
taagatacat tgatgagttt ggacaaacca caactagaat gcagtgaaaa aaatgcttta 120  
tttgtgaaat ttgtgatgct attgctttat ttgttaacct tataagctgc aataaaciaag 180  
ttaacaacia caattgcatt cattttatgt ttccagggtc agggggaggtg tgggagggtt 240  
ttacaatgic cgctccatgc ccacccgcaa ggacgacnag gccaggtagt tcnaggacac 300

<210> 1558  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 1558  
aattcaaggc ctctcgagcc tctagacatt gcggcccgct atctacgtag atccagacat 60  
gataagatac attgatgagt ttggacaaac cacaactaga atgcagtga aaaaatgctt 120  
tattttgtgaa atttgtgatg ctattgcttt atttgttaacc attataagct gcaataaacia 180  
agttaacaac aacaattgca ttcatcttat gtttcagggt cagggggaggg tgtgggagggt 240  
tttantncta gnnanattnt gnanatnatt ncttttaac nnnngnatnt aattacatgt 300

<210> 1559  
<211> 291  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(291)  
<223> n = A,T,C or G

<400> 1559  
aattcaaggc ctctcgagcc tctagacatt gcggccgcta tctacgtaga tccagacatg 60  
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt 120  
at ttgtgaaa ttgtgatgc tattgcttta ttgttaacca ttataagctg caataaacia 180  
gttaacaaca acaattgcat tcattttatg ttccagggtc agggggaggt gtgggagggt 240

ttaancangn tcttgatgaa tgtgctttgt gccaaaatgc ctccccattg t 291

<210> 1560  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 1560  
 aattccgggc tgtcgagcct ctagacattg cgccccgcta tctacgtaga tccagacatg 60  
 ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt 120  
 atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia 180  
 gttacaaca acaattgcat tcattttatg tttcagggtc agggggaggt gtggnaggtt 240  
 tttctggaca gttcacgctg ncaatgaaat gngacctatg ntatccattg tcctgga 297

<210> 1561  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1561  
 aattccgttg ctgtcggttg gttcgtcaca aggcacgca gaaggtttat gctatgaagc 60  
 ttcttagtaa gtttgaaatg ataaaaagat cagattctgc ctttttttgg gaagaaagag 120  
 atattatggc ctttgccaat agcccttggg tgggttcagct tttttatgcc tttcaagatg 180  
 ataggatctt gtacatggtg atggagtaca tgcctgggtg agaccttgta aaccttatga 240  
 gtaattatga tgtgcctgaa aaatgggcca aattttacac tgctgaagtt gctcttgctc 300

<210> 1562  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1562  
 aattccgttg ctgtcgctgt cagccacaat gccttctgat gtgcttgagg tgaccaagaa 60  
 gttcatgagg gaccccatc ggattcttgt caagaaggaa gagttgacct tggagggtat 120  
 ccgccagttc tacatcaacg tggaaagaga ggtggggccc agtgaggag gcgggcctgg 180  
 tagtgagttg ttgggtatag cccctgactg atttttgtcc cccaacctcc aggagtgga 240  
 gctggacaca ctatgtgact tgtatgaaac cctgaccatc acccaggcag tcattttcat 300

<210> 1563  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1563  
 aattccgttg ctgtcgggcc ctgtcctgaa ccagatgaga aactttggga tcctgtcggt 60  
 tactactatt cagatggctc ccttaagata gtacctgggc atgcccgggt ccagcccgggt 120  
 gggggggccc ctctgccacc tccaggcatc ccaggccagc ctctgccttc tccaactcgg 180  
 cttcacctgg ggggtggcg gaactcaaat gccaatggtt acgtgcgctt acaactagga 240  
 ggggaggacc ggggagggtc cgggcacccc ctgectgagc tcgcggatga actgagacgc 300

<210> 1564

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1564  
 aattccgttg ctgtcgaaat ttttgaaggt cttggcccaa aagttgaact gccactgtat 60  
 aaccagccat cagataccaa ggtgtacatc gagaacatca agacaaacca ggtgatgagg 120  
 aaaaaactca ttttattttt taaaagaaga aatcatgcaa gaaaacaaag ggaacaaaaa 180  
 atctgccagc gttatgatca gctcatggag gcatgggaga aaaaagtgga cagaatagaa 240  
 aataatcctc ggaggaaagc taaagaaagc aaaaccaggg aatactatta aaaagcagtt 300

<210> 1565  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1565  
 aattccgttg ctgtcggatg ctcagagtgt agtggatatt tatgtaaact atgactgtga 60  
 cttaaatacga gccaatatat ttgaaagact agtaaatgat ctatcaaaaa ttgctcaagg 120  
 aaggggcagt caagaacttg gtatgagtaa tgttcaggaa ttgagcctga ggaaaaaagg 180  
 tttagaatgc ttagtgctga ttttgaagtg tatggttgaa tggagtaagg atcagtatgt 240  
 gaatcccaac tcccagacaa ctcttggtca ggaaaaaccc tcagagcaag agatgagtga 300

<210> 1566  
 <211> 1076  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1076)  
 <223> n = A,T,C or G

<400> 1566  
 cncangttnt ngaaaacccc ctttttgggn aaaaaactcc ccccnggtnt nctttttttt 60  
 tggncaggga gaatacncca ancccgaat ttcnngnana ggttnaggga ggnangggan 120  
 ggcaggggaa nngagnccgg ggcttggcnc ncngaaaacc nganattttt tgtgggacgg 180  
 gggggaggga ncngggggga ccggaataaa agcngggggg tgggggaaaa ggnaaantngg 240  
 ttttcaaagg ggaatccaaa aacggggcgn aatggttaga ngggnggacc ctnggncctt 300  
 ggggggaagn gnnacnngaa tttgnaaagg ganggnnnaa atcnngggaa ngtcccngga 360  
 anaacgggga naagggggcc cangagggan gggctcccca agnggatttt ttaacggaca 420  
 catggaacga agnaagggtt gtngggaggg ctcnaaaatg ngccngggaa nggggcnttc 480  
 cangnggggn gggtanngta acannntcnc ggacaanatg ggnggccact nantngaaaa 540  
 nnaatcttgt tgctattaaa aaataaagct gaccancgg gngaagtngc tnaatgggga 600  
 atgcaaannt nttgaggggn ccngggngac gnnactaaat tngggtcaaa ttnttgaaana 660  
 nacgggnaat gggngaantg gcaagtgan gnaacctant actcaangan ntnttatgta 720  
 tnggnnagan ggagnaagac cttgggaaga anccncttg gggcttatga aacgggggaat 780  
 aaaataggga gnaangtggc natcctttc ttggggacan gggaacttgc tcagggggga 840  
 aanggaacat ggagcgggg nggcgcaagg gncctgctca atngngttct taatggnanc 900  
 cttgncttaa aanggagant aangngaaan aagtgggggn nattgttggg naantntatt 960  
 tggggggaat antgggcacg ggctnaataa ataanngcnc gnaggcccat aangggaggc 1020  
 cncnangggg acccentgga nnattgggca gangnanctt tntnannag gttaan 1076

<210> 1567  
 <211> 745  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1567

```

cttggccttt tgcaggatcc catcgattcg aattcggcac gagcagagct tagacatcca      60
aaactaatca atgctgaggt ggctaaatac ctagcctttt acatgtaaac ctgtctgcaa      120
aattagcttt tttaaaaaaa aaaaaaattg ggggggttaa tttatcattc agaaatcttg      180
cattttcaaa aattcagtcg aagcgccagg cgatttgtgt ctaaggatac gattttgaac      240
catatgggca gtgtcaaaat atgaacaac tgttccaca cttgcacctg atcaagagca      300
gtgcttctcc atttgttttg cagagaaatg ttttccattt cccgtgtgtt tccatttcct      360
tctgaaattc tgattttatc cattttttaa ggctcctctt tatctccttt cttaaggcac      420
tgttgctatg gcacttttct ataacctttt cattcctgtg tacagtagct taaaattgca      480
gtgattgagc ataacctact tgttgnata aattattgaa atccatttgc accctgtaag      540
aatggactta aaagtactgc tggacaggca tgtgtgctca aaggacattg attgctcaaa      600
ttttaaggaa atgggnccaa tgaaccgtng gttgtgggga aggggaaaga ngaaaccnga      660
gcttgggtcan aatgtggaaa tnggatctgg tggnaataaa catgtttaa accaanccnn      720
nnnnanaaaa aaaagncctt tttta
                                                                                                                                 745

```

<210> 1568

<211> 674

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(674)

<223> n = A,T,C or G

<400> 1568

```

acgaggctgc atctgnnnnn aggatgccac cctacgctgc gctggctgcg atggggacct      60
cttctgtgcc cgctgcttcc ggtgggtgca ggtggaatgt tctgtgcgag agctcaaggg      120
ctgcctggat ccctgacttg tatccctttg ttccacagag agggccatga tgcctttgag      180
cttaaagagc nccagacatc tgcctactct cctccacgtg caggccaaga gcactgaaga      240
caccctggtc ctcccgaag ggcagtccca caggcagcgg caccatttc tgggccccgc      300
cacaggacgt ccgatgggag agcttgtctg gctctactga tgatggatag gcccttctc      360
gagccttggt gtccctggaa tgaggaaaga ttctccattc gagagaatga ctgggagggg      420
agaagtcggg gccctcctat tagaagccca gactggaagt gagaggcatg atggggagag      480
accagactga atctacgggt gagccctgta acctggctct agggcacang cccctccctg      540
gcacttantg ggtctaataa agtatgttga ttcattggga aaaaaancc nntcntngnt      600
nnannnaana nncctcccc cccttaaaaa anttntnggg ggggnntttt ccctnancce      660
nnanttnaaa aaan
                                                                                                                                 674

```

<210> 1569

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(747)

<223> n = A,T,C or G

&lt;400&gt; 1569

gnnnnnnnnn	ntnnnnnnn	annncnnatc	gantcgcacg	agctgcatct	gcaatgagga	60
tgccacccta	cgctgogctg	gctgcatgg	ggacctcttc	tgtgcccgt	gcttccggtg	120
ggtgcaggtg	gaatgttctg	tgcgagagct	caagggtgc	ctggatccct	gacttgatc	180
cctttgttcc	acagagaggg	ccatgatgcc	tttgagctta	aagagacca	gacatctgcc	240
tactctctc	cacgtgcagg	ccaagagcac	tgaagacacc	ctggctctcc	cggaaggcca	300
gtcccacagg	cagcggcacc	catttctggg	ccccgccaca	ggacgtccga	tgggagagct	360
tgtctggctc	tactgatgat	ggataggccc	cttcctgagc	cttgggtgtcc	ctggaatgag	420
gaaagattct	ccattcgaga	gaatgactgg	gagggaaaga	gtcngggccc	tcctattaga	480
agcccagact	ggaagtgaga	ggcatgatgg	ggaaaagacc	agactgaatc	tacgggtgag	540
ccctgtaacc	tggctctagg	gcacagcccc	tcccctggca	cttantgggg	tctaataaag	600
tatgttgatc	attggganaa	anannncnnc	atcnnncnnc	cnnncnccct	ccccnnaaa	660
actttggggg	ccntttcttc	aacccccnct	ttaaaanacn	ttgnngttnn	nnacccccct	720
ttanntnnnn	nnnttctct	ccnccn				747

&lt;210&gt; 1570

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1570

gnggnnttn	nnnnnnnngn	nngnnnnng	ngngnnntt	ctaagtctc	caacagnnc	60
nggggctcga	actcgctcca	cgcagccngg	cngtgnga	tggcacgag	gacngcacac	120
ntcacgggt	gcctcccaa	cncnccgat	gcgagaccn	gngccaatat	cggggggntc	180
aatgaccann	ngggctcagc	atgganaaac	agngccctgc	ctgaaggcca	gnnagaatca	240
aaaggatctt	acccctngta	tcangagggn	ggctatgtc	cctccatncc	aagnngagcc	300
cnggactaga	aagcacgatg	ncgncnnaca	tctactgna	ncgcctaaac	anaatccctn	360
ctccntgang	ggcnaaacgn	cctcatcccn	aatncaacan	tgggcnnгаа	ngactgaaaa	420
tcgccggaac	tcancacat	gatcggaacc	ggacantcag	accctntcct	gccncancna	480
ncgncnatcg	atccgaaaag	tgnanntatn	agcacaacna	cgggggaggc	atanggaccc	540
tgcnaaaaag	aacnngcncn	nnctcncnng	gactgccatg	aaggntagcn	gcctaaaatc	600
nnnncctgac	actcgagagn	ccgccacaan	nngnnnaagn	nanggcnnга	cgnnacactg	660
gntgaaaaaa	annnnngnngn	nncnnggnaa	accenngecc	nnnnnacnnn	nnngngncgn	720
annccnngcc	ccnnnnnacg	atnggnnccc	nngc			754

&lt;210&gt; 1571

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1571

ttaatanatc	cttgatttgg	cngatccatc	gattcgggcg	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaatggaga	ggcaaacc	tgtttggtgc	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgagggg	180
cccacagcat	gatctagatc	gagtaagaa	acctatcang	ataaccatt	caggtttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgataggt	gtttgcactc	300

```

atcttggctg tgtacccatt gcaaatgcag gagattttgg tggttattac tgcccttgcc 360
atgggtcaca ctatgatgca tctggcagga tcagattggg tectgctcct ctcaaccttg 420
aagtcaccac gtatgagttc accagtgcag atatggtgat tgttgggttaa gagacttgga 480
ctcaagtcnt aggccttctt cagtctttat gtcacctnag gagacttatt tgagangaac 540
cttctgtact tgaagttgat ttganatatg taagaattga tgatgtattt gcaancatta 600
atgtgaataa attgaattta atggntgaat actttcaggc attcacttaa taaagacact 660
ggttaaccac tgnatgctc aatcataccc nctaaaaggt acaaatggcc tttttaccta 720
atnctaattn aaaaattncc ngactggngg taaaaaaaaa a 761

```

&lt;210&gt; 1572

&lt;211&gt; 712

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (712)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1572

```

agnttcgaat tcngccgagg ttacatcaag agataaatag agtgaagcag aactagtggg 60
gcggaaccagc tcgccagcaa cagaaggggt tgtagtcggc ctggcagtg acagggaggt 120
tggctagaac tattacctta ggtccgtgat aatatccctg aatccaactt ttcagaaaga 180
aataggtaac atatttttca ccaggaagct tcaccagac actgaacaga atgggtctcag 240
tgcactaatg gaggtcaggt taaaggggtg tggtagcaca aggaagagac attctgactt 300
ggaaatttgg agaaggcttc acaaatgaag gggcatttga aatgagcttt gaaggtgcaa 360
gagtattcca agttgagaag acaacctgag tgggtgttggg tgaacagtca ttctacctgg 420
ctgtagtgtg gtatagtgtg gtgtagtgtg ggaaacatca gaggagtggg gtgggatatg 480
agcctggaga gagctggcgg ccatggatca ttgaaagcct tgaatgtctg atggggaggt 540
tgactttatt ttgtaggcaa tggaaaccac catggttttt agttgagcag catgaaatta 600
agcctgtgct ttgcaaagat taatctanca ccaccagatt gaagccacac cccatttctg 660
gtataatcca gtaaaatat acactntttc tgtattgggc cataaaggct tt 712

```

&lt;210&gt; 1573

&lt;211&gt; 1259

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1573

```

ttenacnnnc aantnnnnnn tegtnttatn tancaangta ttngnnncan gntannnttc 60
atatgttnaa aacnggnnnc gnttantant anacnctann nntannngana ngtnnccttn 120
tanatctgtg ncaaatatat cgtnangtga actcanngnn nacacnacn atntnntngt 180
anacncannn ccagantnct tgaactntct nncacaanca tnnngaaana aatacntagt 240
nntnccaatt tattgatcgn antnngcacg agaaaacacc ntncatggca cctcgttttg 300
nncaaatag gctatgtttt tgaaagtaac ctttccacaa gncaataaca gaagctatgg 360
tgaaatgtaa aaattcacia ttctactttg tttcactgag tgcccaatca acgattcata 420
cagttgagat gaatgtgaca aaactctcta tagataaata tatattgcct aagtttatct 480
atatatatat gtctttgtgt gtaattattca tacacagata tattgcaana ganattaaat 540
antcttnctt acataaaeca ncnntagat catntnnca gggaatatga ganttacacn 600
cataggntcc tatgantgga ncatnnagac atatnataaa cnntttanga aaagantang 660
ccattnnatn tctcctgatn tcatnaactt nanncncan tnanttcnca ncanctnntt 720

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tncatctnct	tangntngcn	ctnnnnnnan	tnncaattcn	tagtatggac	tctnnntttn	780
cgancagann	gtntncttca	tntccnaatn	tantatnanc	taacanaatn	tgggnnatatn	840
ntgccatnta	nntccgnaan	acgcataatna	tnnccgtagna	ccnacngtnt	cacntntnct	900
cncttatcta	ccacattgat	cgtnttagca	ncggtcgtta	cahtntntca	tatacatcgn	960
anatctcgcn	atntcnacat	ataattanan	nnnantatnn	atgnaangt	nctctnatat	1020
gangtgacac	taattcatnc	gagtnacgn	tntanatnna	catanantnt	ctactgtttt	1080
annccgncat	gtcagnatat	gtttcgagnt	cnctnnntca	tcgannnacg	ncgtgcntnt	1140
ctcacgtctn	ttatcgncn	ntatcatgcn	cnatttnttc	ntctgtantc	attntatgca	1200
tatanagtga	cgnacnnatc	tcnatcattt	tcatatnttt	tnctcggtan	canactncn	1259

&lt;210&gt; 1574

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1574

gnnnnnnttn	agatcngctc	tttctatnt	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggccccagga	aattcctccc	cttattcttc	cttgaagtgc	ccgagcatgt	agggcaagaa	120
ggaaggctga	agcgtgtcc	ctaggaggaa	tttctccttc	aggggagcct	cagttttgcc	180
catttatcta	attgaatcag	ttttttacc	aatccccga	ttttgtagga	taatctccct	240
tatctaaagt	caactgatta	tggacttta	tcacatctac	aaaacacttc	catggcgaca	300
gctagatgag	tgtttgaata	actgggactg	tagcccgtcc	aagttgacac	ataaaaactga	360
ccatcgggcc	ggggggcgtg	gctcacgect	gtaatcccaa	cactttggga	gccccaggcg	420
ggcggatcac	aaggtcagga	gttcgagacc	agcctggcca	acacggtgaa	acccccgactc	480
tactaaaaat	acaaaaaatt	agccccgggtg	tggtggcaca	cacctgtagt	cccagctact	540
cgggaggctg	angcaggaga	atcgtttgaa	cctgggaggc	agaagttgca	gtgagccaag	600
atcacactat	tgcaactcca	ncctgggcga	cagggcaaga	actctgtctc	aaaaaaaaatt	660
aaaactgacc	atctagtcct	tggcatctgg	gcacccctna	aaaaaagcct	tntagaacta	720
tagtgagtcg	tatttacgta	gatccagaca	tgataagatc	cattgggtg		768

&lt;210&gt; 1575

&lt;211&gt; 752

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(752)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1575

tcagctctnt	ttatatatgc	aggatcccat	cgttgcnnt	tctgcacgat	cgtatcanga	60
nattcctgcn	cttattcttc	cttgaagtgc	ccgagcatgt	agggcaagaa	aggaaggctg	120
aagcgtgtgc	cctaggagga	atttctcctt	caggggagcc	tcagttttgc	ccatttatct	180
aattgaatca	gttttttacc	caatcccccg	attttgtagg	gataatctcc	cttatctaaa	240
gtcaactgat	tatggacttt	aatcacatct	acaaaacact	tccatggcga	cagctagatg	300
agtgtttgaa	taactgggac	tgtagcccgt	ccaagttgac	acataaaact	gaccatcggtg	360
ccgggggcgg	tggtcacgc	ctgtaatccc	aacactttgg	gagccccagg	cgggcggatc	420
acaaggtcag	gagttcgaga	ccagcctggc	caacacggtg	aaacccccgac	tctactaaaa	480
atacaaaaaa	ttagccgggt	gtggtggcac	acacctgtag	tcccagctac	tcgggaggct	540
gangcaggag	aatcgtttga	acctgggagg	cagagggtgc	agtgagccaa	gatcacacta	600

ttgcacttca ncctgggcga cagggcaaga ctctgtctca aaaaaaatt aaaaactgac	660
catctagtcc tttgcatctg ggcacctna aaaaaaagc ctttagaact atagtgaagtc	720
gtattacgta gatccagact tgataagatn cn	752

<210> 1576  
 <211> 767  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(767)  
 <223> n = A,T,C or G

<400> 1576	
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aatcaatttt ttagaatcct actttggatt taccttggtc tatagggaga actgagggaa	120
ctgcacattc atccagtacc tcagatgtgg atttcacggg tgcttccagt gcaaaagaaa	180
ctacctcgtc tagcattttc aggcattatg gattatctga ctccagaaaa agacgcgtac	240
aggaagatct tggcctgctg caataccaca ttgctggaga agaagaggtc gtcttccaag	300
aagagcactc cagactcaga actcagaaat tgtaaaagat gatgaaggca aagaagatta	360
tcagtttgat gaactcaaca cagagattct gaataactta ncacgatcag gagttncaac	420
tcaatcatct aaagaactcc attaccaagt tattttggtg ctgcaggtag aatagcatgt	480
ggcgaaaaat cccgagtttt ggcacgtcgg gtgacacttg atggaaaggc gcagtntctt	540
gtggaatggg gaaaggacca actgcatcct gactgtaagg acngaacatt atgttccact	600
gcactctgat tttctgtang gtaccagttc caaaccccta aaggagccnn ggcttntact	660
atttttnttt taaaanacan antnncacc ncnctttnc cctatntcc nntcncccc	720
ccnnnttcn ntcccccttc cctnctnctn ctctncccc acnccn	767

<210> 1577  
 <211> 1000  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1000)  
 <223> n = A,T,C or G

<400> 1577	
annnctntnc nnacatcngn nnnntcnct nattcaaanc cttttcaatn tcnctnacgn	60
ntcataatna ttnnnnnnnc nnnnccnatn ttnttnnate annntttttt natatnanca	120
tattnttaca atnccttatt anannaatnt ntntntccnt nctttanaac ancntcntcc	180
nannaanttc nnttatttta attnccctnn acccnaccta ttncnattca anantnancn	240
aattnttanc tnnnnaatnt actaaacnca nacncatnac cactantacc tnnaatntac	300
atcannctat ttnntantcc cttatannct ancnttctta tcatantacn nctatntatt	360
ctactcttna ncatatctca nctcatcnnc ncnaccntct atantntatt tnttctncat	420
aaaattctta ttcttcaanc annaaaatca catttnattn cactatctca ataaaaantn	480
nnactccntc naatcctctc taacaatnat tacattacat atnaattaaa ntcantctnc	540
tnattcanaa tcatctattc ntcccactat aantatntcn tcttcantta tantantntn	600
nnattcnttc catttattan tctcantaca tactanatnt anctatcntc cnttccctaa	660
ctcnctactn cnnatanaat anaantttca aattcantaa tacantcata annctaaaan	720
acaaataatn taanttatan tcccacacca ctnancnta taantattcn tntatattct	780
aatcatnct ntattcttcc acntttctat tnncaannnt caantnatct antanatatt	840
tntntannt cactcnntan ctttatnant antntnttt tananacant ataccntcta	900
acnatnatct ttntcntact tnaantctnc atattnatca tnnntncatn atnactattt	960



naaaatcnta tcacancttc tancacactn cncntntnncn

1000

<210> 1578  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 1578  
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 cacgggcagc ccctctcct ctactgtgtc aggtggacca gggcacctc tgttctgcgc 120  
 agctttgaga ttctaggatt ctacggccgg cacgaatggc atgggagggg tctctgcacg 180  
 ggacggcata acggcatgcc atccttcagg ctggcaggag cctgcgcagg tgtggcaaaa 240  
 tcttgaaaca gcctgtgtcc tgccctggctt ttcactttcc tattaatat aagaaagcac 300  
 ttttttttct gctttaccta caaatgggtt gaaaatggcc tcctctgtcc tctcctctct 360  
 tttatacact ctgtaaaaatc acaaagggtc ttcaacaccg actgtcatgc agtgcgtgtt 420  
 tgtgaattgg cagtttctgt ataaactctt atttatataa naaaaaaaaa aannnnnnnn 480  
 nnnnnnnnnn nnnnnnnann ccccccccn naaaaatntt gggggggntt tttccgnnan 540  
 cccnaactnn aaaaaacctt tgggnnnntn ggcncncncn cccnnnaaaa nnnnnnnnnn 600  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720  
 nnnnnnc 727

<210> 1579  
 <211> 1039  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1039)  
 <223> n = A,T,C or G

<400> 1579  
 ccagccanaa nacngngana aaaggncnga cgnanacaga nnncgannnc gacgccngnn 60  
 gaanaagcan anancacccc cccaggcggtt ggaaccttc anagncgacg aaggcagacc 120  
 cagcancgaa ccggcacgag actgannaga ncnggcncga aaaagtgtgn gccatactga 180  
 gacccacggg cagcncncc gccnctacag ngncaggngg accagggaca ccncnggacn 240  
 gcgcannacn gagaannaag gaancnangg ccggcacgaa gggcaaggga gggannnctg 300  
 cacgggacgg canaacngca agccagcctn caagcnggca agancagacc agngggcggc 360  
 aaaaacaaga aacagcccga ggcncagccc ggcncncaac caggcccnnaa ncaagaaaag 420  
 anaagcacen gngcnggacg gcngnaccca cacaacgggc acgnaaaaag ggcngcccgc 480  
 gnggacacng cnnnncatng gaaaccacn ccnggnaaaa ancaccanaa gggggccngc 540  
 anaaaacccc aacnggganc aagngccann cagnncgggn aaanaggang naaaaacngg 600  
 ccagnnngcn accnggaaa aaaaaaacgn cncnnnatn gncgcnnnnc cnnncacggc 660  
 aananaccan agcgggacag acanngancg canacanang cganccgaga anangaaaag 720  
 aaggagagaca aaacagcang anngacgaan anggnacacg cnacacgcac agcgangnng 780  
 nancaaaagn annncngca nnannagnn gnancaaaa naacgcgang agannagana 840  
 gnggacgcac nngcncacna ganggcgnc ngacgnnncc ccaaacgcac nnacgnnnng 900  
 gagcaganaa cgacgcacna naaaggacgn anganncann nccnggaana aaggnaagaaa 960  
 nngnngnacn anggcgacnc caggagacaa canangnnaa agcnaagccc cnagnacaaa 1020  
 agcaccaaaa naancnccg 1039

<210> 1580  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 1580  
 gcnnntttgat ntncatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60  
 gcacgagctg ccttccaaca aaatcgtaa gggggcagag gagttggtgg ggcaggagtt 120  
 gccttattcg ctgaccagt acaactgcga gcacttcgtg aaccatctgc gctatggcgt 180  
 ctcccgcagt gaccaggtgc atcttcagcc tgcacccct tcccaggagc caggccactc 240  
 cctcagctgc cagaggctgg gtccctgctg gggccagggt gggatggaaa tagacatgag 300  
 caagacaaaa tagcagatat gaaactgttg tccttgaggg tgtcacattt ggggtgggga 360  
 caagggtggg gagataggca agtcggcaat gtagaccagt gcagtgggtt ggggggtggc 420  
 cacagaaggg agtcacagcc tgaaacagcc ctccacagcc ctgaggccg gctttatgat 480  
 tcccacttta cagatgggga aactgaggct caccgtgctt aagtaacttg tccaaattca 540  
 ttaaactcct agttattgag tctctagtcc atgtcancca tggatgaaga cgggggagtt 600  
 aaacctacat gtgttctctc caagggcccc gatcaaggaa agcttttgta gaaanangtc 660  
 acaccgagc ccacctgatt taattatctt gattaatctt gaaaaaaaaa tgaacctgga 720  
 gattaccagg gaaccggggg ccaataanga agtgtagct 759

<210> 1581  
 <211> 980  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(980)  
 <223> n = A,T,C or G

<400> 1581  
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 nntnnnnnnn nnnnnnnnn ncangnnnnn nnnnnntnnn ntnccttntn nnnnnnnnnn 120  
 nnnntnnntc cccccccc cnnnncccc cccnncnnt tnnntnnnn=anganntacc 180  
 agtaggancg aagttatnct accacatgaa tnatnntgcg gncttgtag agttggtggg 240  
 gcaggcagnt gccttattnt ntgaccngng acanctgnna ncacngggtg annnntntgc 300  
 tctntggcgn nccccntgt gaccaggtgc atcttcagcc tgcacccct tcccaggagc 360  
 caggccactc cctcagctgc cagaggctgg gtccctgctg gggccagggt gggatggaaa 420  
 tagacatgag caagacaaaa tngcanatat gaaactgttg tccttgaggg tgtcacattt 480  
 ggggggtggg acaagggtgg ggagataggc aagtcggcaa tgtataccat tgcagtgggt 540  
 tgggggggtgg ccacanaag nggagtcaca gcctgaaaca cccctncac agcccttaga 600  
 ggccgggctt ttatgattcc cacttttaca ggatggggaa actgaggctt caccgtgctt 660  
 aaanttactt gtnccaaatt cctttaaact ccctagtnnt tgagtctcnt aagtcattn 720  
 tcagcccacg ggtgaaatag ccnggggggg aattttaaac cctacnttgt gttcttttcc 780  
 caagggggccc ccgantcaaa nggaaaggct tttggtatna agaanggtca cccccccga 840  
 gccccagcct tgattnttaa atnatcttgg ttttaattct tgaanaaaa antgaactng 900  
 ggatattacc agggaanccn gngggccaaa tttaatggan atgttttngc cntaagggaa 960  
 ccancctgtg agnccnngcg 980

<210> 1582  
 <211> 1336

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1336)  
 <223> n = A,T,C or G

<400> 1582

aggnnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngnnngng	ngnnnnngnn	nnngngnnngn	60
ggngngggngn	nnngnnnnnn	nngannnnngn	gnnnnnngnnn	nnnnngggnnn	nnnnngnnngn	120
ngnnannnnna	gangnnnnngn	nngnncnnna	ngangggngg	nnngnnnnnnn	nnnnnnnnnnn	180
nnnnnnnnnnn	gnnnngcngnt	angntgggaa	aaaanccccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttgggccnn	gggggnaaan	cgccccaan	ccgggggaag	300
ggggcggggn	aanatgtgnc	gggggncnaa	ccgnaaagg	ggaangnga	nagnnnnng	360
ggannnnnnng	nnnggnnagg	ggnnnnnnngn	ngnntttttt	ttntnnaan	aggccnagnc	420
gangnnnggg	nnnnngnnng	cngnnnnnaag	ggggnggggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggnncngg	540
aaggagggng	gnnnagnnnng	nnngagnnac	ngggcgnnng	gngngnaang	ccnnncgggg	600
gcngggngan	gngnananca	nggggnanag	nagangggag	nggggaaagg	gnggggccgg	660
aantgnngga	gnggcaagg	angnnnganc	ggagggangg	ggcgagagg	angagccnat	720
cgagnggggg	nagggngac	aggaanggan	aagnangggg	gnaaggcgng	aancgaagg	780
gggggnatga	ggaggagann	gngagngctg	gggggaagg	ggnanngggg	gggggnngnn	840
gagnggggna	gngggngggg	ggangangat	gggagcnaa	cggtggacaa	aacggcggn	900
caggnggggc	aggnanaaaa	gggccgggag	cgnggcngng	ggggaggngc	ggnggtgtan	960
gaggcaggna	aattganngg	gagacnnngn	ngcgngngga	gggnngaana	gngnnngaana	1020
naagacggaa	cnaagtggag	gaggggggnan	nnggcgagag	agagngagg	ngtanggnag	1080
anananangg	nnaggacngg	ngncngngng	nnagtgagn	ggcgagagg	agngngagg	1140
gagcgnggan	ngagggngng	nacgggggatg	gggangncng	ggggngnnnc	gcggggcgtg	1200
gggacnccng	gggggggggg	gggnnaaggn	ancnnngggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gngggggggg	gagagnaang	agnacngggg	gggggnnacg	nnggggngga	1320
gngcgagann	gcgcgg					1336

<210> 1583  
 <211> 1328  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1328)  
 <223> n = A,T,C or G

<400> 1583

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taacacattc	cgatntntat	taaccnccnn	ccnnccncc	ccctcnnnt	tccaaagnta	120
aatcgnggga	gaaaatctcn	ttcggncccc	nntgnanttt	gntagagana	atgtntnttg	180
ctatgggttn	gngggnnngn	ctatcttttt	actnggggna	ttttatnntn	ntaacacatc	240
tnngaangct	atcctacctt	actnnanatan	atacgagnaa	atcatgacca	cttcnntatga	300
cnnaaaacat	agannncacn	acccttctnn	ncgagtannn	ctcctagnac	ttattntata	360
ngtagnatna	nnaaattcnn	aatnatttcg	nacannnctt	ttannttann	tagnatnaga	420
ctnattantt	ancgattnat	ntatactata	nnctanctnn	ncacntagca	nacttgnnan	480
acaggcgagta	cctagncnta	ttcngctcag	cacanctnta	atccaccagg	aaanaannat	540
ataanncnan	cntgtaatat	cntttttatc	nctnnnccact	ggnatcann	nncatntgat	600
tcatacatag	aatntatatt	tcnntcttng	gcatanatn	nattcatnat	annncgctct	660
ncnanacacc	acatanataa	ntatagngct	atatnattaa	attcncaatc	tggnacnnac	720

naanttaana	ancanctanc	tacacacaca	atcanaattc	acataatgac	ntantntcnt	780
nacanatana	tanctaant	agaaagnntt	attctgnnta	ncccnncctt	aatntngcnn	840
tctcgnttnt	gnatnncgat	aanannaacn	nnaatnttatn	tntacanaaa	atagnacata	900
tggcnctaca	tctacgtatg	cgcatacacn	gncttatgaa	nntncncacg	tnacagagac	960
ntactancac	angtaanann	tcttcncnan	tnagnctan	tntcacatna	cacnntctag	1020
anntaactna	ttncacagan	catacntctt	atcannatnt	taataataacg	nacnncncat	1080
tcacacacac	anancataca	nagantgtga	natatanact	anctaagttn	attaaaacat	1140
agttacatnt	nnaatnntnt	ctnancntat	atcgnctcct	atnttanctt	cnctcnatnt	1200
gcaantgtat	caatactcat	nactanagna	ttctntctct	atattttaat	tttctntntn	1260
tatannttac	ntantntca	caccctatac	taagatttna	tnanantctn	atctanccac	1320
tanatnnn						1328

&lt;210&gt; 1584

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(740)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1584

caccccatcg	tgtacttaac	tgtgcgtgac	gtgtgctttt	ggtangcatc	actgtgccca	60
agtatttcat	gtncattgta	aagaggaaaa	atacagattt	ctctataatg	tnaccactta	120
tttctaattg	ccacttttca	tcttgtggaa	atgccatgtt	ctgattcant	cttctgaatt	180
tgaacattat	tcaggttatt	tccaattgct	gggaatatcc	ttactgctaa	aataaancct	240
tagcattgga	attgctaggn	caaagattat	gcatgctttt	taagggtttt	tgaaatgtat	300
tgccagtctg	tggcctgcca	ccctccctga	acatgcctgg	tcttgcttaa	aatgtattgc	360
cagatantcc	ttgggaagtt	catgttgtct	ttaacaatgt	gaaatagtac	nnctattcac	420
nttccttttg	tctgacaatt	nngataagtn	aataattgtn	tcccaccatt	ntgtagtann	480
ggttttttaac	ntggaaatcc	naatcaatac	ctgggctgaa	gcacagtgtn	ttcccacccta	540
cctanccaaa	aaaaggattc	nagggtattc	cnncaatcag	tacctgccct	aatatattan	600
agcccttacn	ggnatnaat	canaanangc	ttttaaaaac	aaanaanccc	nggacnnggc	660
cnttttacnn	aaatgcccc	ngcccntntn	aaaaagnnac	tnggntttta	angnnatnga	720
aaatggcctt	tgggcncgtt					740

&lt;210&gt; 1585

&lt;211&gt; 1003

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1003)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1585

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ccntcaagtc	cnatnecgcn	cgagcncanc	tttntnnann	tgtcgcgtct	gagcccatga	120
gnacagacnn	cnttnccegg	cgctgnatt	gncatntctc	ccaaatacgt	ggctnnctcn	180
cantnnga	natcggnatt	tttagtgcca	gannattggc	nataatgtnc	ncntgagan	240
aaannctnct	gncatngaa	accatcttna	tacttgnctg	nncnaaatnc	attgtgannt	300
ntgaagggga	acgggcncn	nnaaagngat	gaatttcnna	taacttnaen	ggttnatnan	360
gaatgatttt	gcncacanc	ggaaaatcac	cccactnntt	tgnttcaaga	ntgggccctt	420
aacgggaggg	gtantagagg	caaaccntct	ttgcgggctn	ttntatttcc	ttntttcaaa	480

caccaatntt	tgntgaanaa	taacagtgtt	ttnaattnaa	ttaccaccgc	ntncantgng	540
attntttgnc	ccattncaaa	ggntgggtca	attcccctaa	aanaattggg	aaaanantaa	600
tttnccattt	cntttttccn	ttnaaangaa	accntnccnt	gnanttaaaa	aaanattctn	660
tntnntccn	caaatttttt	nnttttnaaa	ccnctnancg	gctaaccagg	nccgnttttc	720
ggtgnccctn	tttattgttg	gccanntaaa	nccccntttt	aaaaaaattg	gccttnaaaa	780
aatcccttacc	atTTTTnnna	ancctaaaaa	nggattaaac	tttcaaancc	gtnaantaaa	840
tttnnggggg	ttcatntnnc	tttgaactcc	ccctgcntcc	cntanaattn	gaattgncac	900
attggtngna	nccaaantat	ggatntttca	agannaanac	tgggcttnca	aatgncTTTT	960
ttcancnaat	nanntnatat	tgccattttg	nggccccccc	cnt		1003

&lt;210&gt; 1586

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (740)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1586

actttcnaat	cgcacgagag	acantctcct	gcacacgncc	ctgtgggaaa	agccagcttc	60
tgtttgcaact	ggtcttnaca	actcgttacc	tggtatctttt	tactnnnttt	atttcattgt	120
ataacacatc	tatgaagggt	atctaccttg	cctgtctccta	tgccacagtg	tacctgatct	180
acctgaaatt	taaggcaacc	tacgatggaa	atcatgatata	cttccgagtg	gagtttctgg	240
tggtccctgt	gggaggcctc	tcatttttag	ttaatcacga	tttctctcct	cttgagatcc	300
tctggacctt	ctccatctac	ctggagtccg	tggtatcctt	tccgcagctg	tttatgatca	360
gcaagactgg	ggaggccgag	accatcacca	cccactacct	gttcttctctg	ggcctctatc	420
gtgctttgna	atcttggtcaa	ctggatcttg	cgcttctact	tttgaggggc	ttcttttgacc	480
tcatttgctt	ggtggtggcc	cggtcgtatc	canaccattc	tatactgnga	cttttttcta	540
cttgnacatt	acaaaaagta	cctcaaggga	aagaaagctc	aatttgccaa	ccataagtgc	600
ccaaaaccca	tcaccacatc	ctgttccttn	nagggtgctt	cggacagaat	tcttacacag	660
caaaaggcat	aaagangctt	ganccggaaa	ataanaaact	taactctttt	gttcnnaaaa	720
gncatcaang	gctcctttan					740

&lt;210&gt; 1587

&lt;211&gt; 651

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (651)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1587

ntgacattgt	gattgcaaaa	agcccaagt	atccacantc	aaangtntga	ctgnganann	60
aactggnnat	gagncaatga	acttnttgaa	gacatcactc	ctctaataaa	tgtggatgaa	120
aatgtggcag	aattgggttg	tatactcaaa	gaacctcact	tccagtcact	ggtggaggcc	180
catgatattg	tggtcatcaa	gtgttatgat	tcacctccat	caagcccaga	aatgaataat	240
tcttctatca	ataatcagtt	attaccagta	gatgccattc	gtattcttgg	tattcacaaa	300
agagctgggg	aaccactggg	tgtgacattt	aggggtgaaa	ataatgatct	ggtaattgcc	360
cgaatcctcc	atgggggaat	gatagatcga	caaggtctac	ttcatgtggg	agatataatt	420
aaagaagtca	atggccatga	gggttgaaat	aatccaaagg	aattacaaga	attactgaaa	480
aatattagtg	gaagtgtcac	cctaaaaatc	ttaccaagtt	atagagatac	cattactcct	540
caacagggtat	ttgtgaagt	tcatttttga	ttataatcca	tcaatgacaa	cctaatacct	600

tgcaaagaag caggattgaa gtttccaagg agagattctt cagaatgtaa a 651

<210> 1588  
 <211> 820  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(820)  
 <223> n = A,T,C or G

<400> 1588  
 ccaaaactaga agctgtcagt gacaataact tggatttagt caatgaaatt cttgaagaca 60  
 tcactcctct aataaatgtg gatgaaaatg tggcagaatt ggttggtata ctcaaagaac 120  
 ctcaactcca gtcactgttg gaggcccatg atattgtggc atcaaagtgt tatgattcac 180  
 ctccatcaag ccagaaatg aataattctt ctatcaataa tcagttatta ccagtagatg 240  
 ccattcgat tcttggtatt cacaaaagag ctggggaacc actgggtgtg acatttaggg 300  
 ttgaaaataa tgatctggta attgcccgaa tcctccatgg gggaatgata gatcgacaag 360  
 gtctacttca tgtgggagat ataattaaag aagtcaatgg ccatgaggtt ggaaataatc 420  
 caaaggaatt acaagaatta ctgaaaaata ttagtggaag tgtcacccta aaaatcttac 480  
 caagttatag agatccatta ctccctcacag gtatttgtga agtgtcattt tgattatnat 540  
 ccatacaatg gccacctaatt ccttgcaaag aagcaggatt gnagttttnc aaaaggagag 600  
 atcttcanat tgtaaaatag agaagatncc aaatgggngg caggcttncc catgttaaaa 660  
 aaagggangga aaccnctggc ctctnttnca agccaattnc tgggaanaaa aaaaaaangg 720  
 cttttgttaa aanaaactgg ggacaattca agganccttt ttgggggact ntaagttgcc 780  
 aaaaaaaaaa aaaaaaaaaa tcggnccttt taaactntng 820

<210> 1589  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 1589  
 gtatcaatcg cngtaacctg ttcccttgat cntgagtttt agctcagata accagggtatt 60  
 ttgaagacgt gattgtcctt ggccctgccc catcccttcc ctttaaagtt ttaaattttt 120  
 ttcatgtctt ttctttggcc agaatttctc tatccctgc atgccttcct cggttaccat 180  
 aaatctgcat tatcctagga aagatgaagc ccacagattg tacgatttca gactacttcc 240  
 tgggcccctg tgtgatccga cagaggcctg gtcacaaagt tggacttccc tatgtgaaac 300  
 cataaactaa cctgaggaag atactgaggg gagaggggct gtgtaacggt gactgcctct 360  
 aggccagcct tctgccaggc agagaacagg aagctggcat gcagggtgtc tggcactggt 420  
 aaaatgacac catgtttgta agtgcattgt cctggctttt ggtgggccgt gcaggagttc 480  
 ctgcctgaat tatagtcttt ccatttcata tcttcatgtg gagccctcaa gctttaaaca 540  
 aagtcttttt atctccggtt ttcaagggtg ggctccatt atctttgaga acctcataat 600  
 gctgcttttc ctttaaattt ngttttacac ttgnccgctn ggtcagcaca agagctactt 660  
 cacattttnt ggncccccac ntcgnttca 690

<210> 1590  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 1590  
 acntttcaatc ggcacgaggc tngttctggn gaaagctcan taagtatgga tttttattcct 60  
 caactagtag gataccaata ctggtattga aacttgggga aaataactgg agataaccagt 120  
 gcagctatctt aaagctgtag caagggtctgc aatcttgctg agatttttaa gagaaagtttt 180  
 aaagttttcta atactgatgc ctcttttttg taaatacaag ttttataaat cctgccctgg 240  
 gatcctgatt ccccatthaat caagatttgt cagacttcac ctctataat tagaaaacac 300  
 agttataaga acagtcaatt ttttaaat tccaaattaa aaaattgcac catgattttg 360  
 aacaagcact tccaattaca ttaccatct tgtatgccat aggtgggagt ataattgtca 420  
 cagccttttag gaatgtagtt ttccgggatt tattgaaact ttgaaccttt tggcctacta 480  
 agttcattcc taggaaactg cctaattggga atgatctgac aagtgtacac aagcaaagtc 540  
 attgcacctt tggctcttta tacttaaac taacccaaat gcccttgacag taagggaactg 600  
 gtttaataaa tgggtancctt tatgccaat tgttctaaag tattcgttta agagangtgg 660  
 aggaatctct tggattatta gggcaagaat tctaacttng gtaaaaaaaaa agtgggtgcaa 720  
 gcatttt 727

<210> 1591  
 <211> 460  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(460)  
 <223> n = A,T,C or G

<400> 1591  
 ttcnaccagc tcttgttctt tttgcaggat cctctgatcc gaattcggca cgaggcttgt 60  
 tctggggaaa gctcatataa gtatggattt tttcctcaa ctataggat accaatactg 120  
 gtattgaaac ttggggaaaa taactggaga taccagtgc gctattttaa gctgtagcaa 180  
 gggctgcaat ctgctggaga ttttaagag aagtttttaa gtttctaata ctgatgctc 240  
 ttttgggtaa atacaagttt tataaatcct gccctgggat cctgatctcc cattaatcaa 300  
 gatttgtcag acttcacctt ctataattag aaaacacagt tataagaaca gtcaattttt 360  
 taaattttcc aaattaaaaa attgcacat gattttgaac aagcacttcc aattacatta 420  
 cccatcttgt atgcatagtg tgggagtata attgtcacag 460

<210> 1592  
 <211> 516  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(516)  
 <223> n = A,T,C or G

<400> 1592  
 ttcatctann ctnttttttt gcaggatccc tcgattcgga agagcttctg caggggctga 60  
 gcagacccca gggcctctta gccaatcccc gggcctggtg aagcaggcga ancatatggt 120  
 cggaggccng caactacctg nacttgccgn caagagtggg caatcttttn tgtctctcgg 180  
 gaangnccca annctcctcc cccaanttga nanaaaaagn aagttntggt naaccancn 240  
 taagccataa gttcccttgg gggccctggg ganaaagnct tcaatcacng ggccaagggc 300

```

ttctggnecc cattnattgn cttggacaag aactctgggt cacaagtctt gctnggtctt 360
gctggggaan cccnaccnga cattgggccn cagacttgct ggtcttnttg ggaagaaggg 420
caagacccca aaccaagatc caaatacac ttncagctct taaccaaggc ttnctttcaa 480
gtcacaagtt gttgccngaa atcagtaaca agaagt 516

```

```

<210> 1593
<211> 1207
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1207)
<223> n = A,T,C or G

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<400> 1593
agattntcga atcgcacgac ttgnccctgt ggggtcttac ncgatgtgtc tetgagtagt 60
aaaggcttag ccttgttcct gttatgttgc aagaaggagg ggaagggttcn gngatttctt 120
ctgattttatt ctngngntcc atgtganccg gccntcacgt gnancnnnncn gcacngnacg 180
ctcctnnecn atccacatac nccagntana cntnctnnnn anccaccacn cccanctgcn 240
antccanntc ncccaacgcn cangcntnag cctntanncc ccccaccctc ncnagnnctt 300
actacacenc cattnnancc nccccnaan atcacccctt ttcctaccat cgtcnnaaca 360
cnncccatct acantcnnn annaccgnnt nnnccnccag tnatcanttc actcntaccc 420
ncacgectnc annngnncnaa ctctnccctg ccaatcatgt tctannncan nncnncnctc 480
ntanccctact catcttatta aacttntctc tttncnctnt genacatnan actcctcttn 540
ngnctnnctc atnatccgcn ctacactcaa cattctgnen nnatnctatn ngnaccntaa 600
aataccntca cataatcntg acgcacatcn ntcnctacna atcnattgtc atnntnatct 660
ccnctctnt accatantct ctntaaccag tnatntctca ttctcaaact tcgccatnnc 720
ccacnautnt ctcttacgca cacnntccta anccctatnc ataccattna atnncctgcc 780
ttgctatgan anncnncgan cacntacaca nntgtanncn aactanatac aantatcgt 840
ccctctcact aacnctnnn cntaatanaa cataagccnn nctancgnnt cntnntnaca 900
accacatnta ctcttacgca ctgnntctc tcttngggn tctctttcg caacgnctca 960
nnantccaca cgntccttac gccatcatc ctnnccctac agtatgtaat cccntanatt 1020
nntncanata ttcacncca ngcccgctac tgataccttc nctgctacca tcnctcccc 1080
tatantnctg tctcgnacca atctacgtnt acacngttnc ananccaata ancnacctca 1140
tgctnccgac atacganaca natgcnatn atccacattn ccctnccnca nacatntntc 1200
taanccc 1207

```

```

<210> 1594
<211> 466
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

```

```

<400> 1594
tntacgttca agctcttgct ctttttgtag gatcccatcg attcgatgag cttattaggt 60
attttatctt tcaaaaatat atgtncccaa ctggtgttgt ttgtttcctg actgtgaaca 120
ctgaagagga ctgatcaaaa aatgaccaat tgagtagcaa ttgaacattt acagtgtgt 180
gtgcagttaa cttctgtagc acccaaattg tggggttggg gaaaaaccat tccaccttaa 240
aagaaaacca agcctttctg gcaaaattgc tgattctagg ttttgccaa gaaatgtaca 300
tgctgactgg aacattgcat aacagttagt aaggaggctg ttaaagacta tttagggtca 360
tttcagaaaag actggagaaa tgactgtaga attcccactg gccagagat cnggtagaaa 420

```



cctgtgaagt gtgttttaaat tcttgagttc ataatgggta ttttaa

466

<210> 1595  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

<400> 1595  
 aggtttttcga ttgcacgat atntntcaca tgtaanaaan atatgtaccc aactgtgttt 60  
 gnttgtttcc tgactgngaa cactgaagag gactagatca aaaatgacca attgagtagc 120  
 aattgaacat ttacagtgtc gtgtgcagtg aacttctgta gcacccaaat tgtgtgtgtg 180  
 ggaaaaacca ttccacctta aaagaaacca agcctttctg gcaaaattgc tgattctagg 240  
 ttttgggcaa gaaatgtaca tgctgagctg gaacattgtc ataacagtta gtaaggaggc 300  
 tgtaaaagac tatttagggc cttttcagaa agactggaga aatgactgta gaattccac 360  
 tggccagaga tcggtagaaa cctgtgaagt gtgttttaaat tcttgagttc ataatgggtat 420  
 tttaaaaagg aattgggttac tcttagatta gagcatgata ggaacaaatt tattaccttg 480  
 aacatttgta aatacaagaa agaacaattt atcctgcttt tcctatgtga gtgtacctct 540  
 ggctaacaaa atagtagata tgggagagct atttcaattg ataaatgaaa aaagaaatgg 600  
 cagaattgca ataccaccat ttataactt ttggtgaacg aatgggtcta ngtgggtgagc 660  
 gtcgatngct actacatccc cnnnnaaaaa annnntnnn nnnntnnn anangaannn 720  
 nct 723

<210> 1596  
 <211> 464  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(464)  
 <223> n = A,T,C or G

<400> 1596  
 cttntttaga tacagctact tgttcttttt gcaggatccc atcgattoga attcggcacg 60  
 aggattcatc ttcttggtct ttaaaagtca aaaggctttt tgacctttaa ataactctta 120  
 catctgggtc tcaactgttg aatgttctac taaattttca gagtggaaaa gttttaggct 180  
 taaaactgac tggtaaaaat agaataattc tttgtattga tttttcagta tagctgtaca 240  
 gccagttatc cttcgttaag tgtttcggta ttaaaactgc tcacatttgt aaatattgag 300  
 cagctttatt gtcagaacaa gaatcccttg gtttcccaat cccaacttt taacattgta 360  
 attaaacatc ctgtataacc tattttattc tctgccaac aattttatga ctgctgtttt 420  
 tactctttgt gatgaaaatg ggatggagaa gataagggtc tttg 464

<210> 1597  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

&lt;400&gt; 1597

atgtngacca	nttcngcacg	aggattaatc	ntcttgttct	ttaaaagtca	aaaggctttt	60
tgacctttaa	ataactctta	catctgggtca	tcactgttga	aatgttctac	taaattttca	120
gagtggaaaa	gttttaggct	taaaactgac	tggtaaaaat	agaatatttc	tttgtattga	180
tttttcagta	tagctgtaca	gccagttatc	cttcgttaag	tgtttcggta	ttaaaactgc	240
tcacatttgt	aaatattgag	cagctttatt	gtcagaacaa	gaatcccttg	gtttcccaat	300
ccccaacttt	taacattgta	attaacatc	ctgtataacc	tattttattc	tctgccaaac	360
aattttatga	ctgctgtttt	tactctttgt	gatgaaaatg	ggatggagaa	gataaggttc	420
tttgccctat	ggtggtattt	attatcatcc	tccatcaatg	cagattgggt	aaatagagaa	480
aaattcangc	cgggtgtggt	tgtgcacatc	tgtagtccca	gctgcttggg	angctgangc	540
angagaatcg	cttgaaccca	ggagtcagaa	ggtgcagtga	gctganattg	cccactgcac	600
tccagctgag	cacanggtga	aactctgctc	aaaaaaaaaa	aaaaaccctt	naaactatgg	660
ggngcntttc	cgaaacccnaa	ctganaaaaa	ctttgtgagt	tgcncctt		709

&lt;210&gt; 1598

&lt;211&gt; 1372

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1372)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1598

naentantan	nttnatantn	ntctntnat	ntccnntn	tnctctct	tgntnnggt	60
nnntntntt	nttcngttt	ccccccccc	nnntncccc	ttntntttt	ttcttttggn	120
nccgtagacc	gngtgaaatg	attngctgng	ccncccggt	tgttatttt	ntatatgntt	180
nonatncatn	antttttcta	tgngncnca	ctttctacc	ntntngggg	tgttttttan	240
ctccattann	nattctattn	tnnnacttct	tgattantat	nanctcttt	tcttttnncc	300
catctntnt	cttnnncact	gtnnancnt	tnntccctnn	ttnttatctt	nnnttctnt	360
ttactnaaat	tctctcnntc	nttattntn	tcttcactn	tnngcnttc	cattntttt	420
ttttntccct	tncnncntnn	nttcttttta	ctcttncnt	ctnctcntnc	ncctnctnca	480
nttcattttt	tcttanctat	acgcgttatt	aagnnnncta	ctnctnctn	nataatntnn	540
tactatcnnn	ntcncttttg	ntnnagtnta	ntccctnnng	tattctctnt	nnngtctatn	600
tgctntatta	ttntntntct	gtntntcttc	tactcnctat	atcatnnacn	atacttatat	660
atatatacan	cttggttcta	tnntancta	cataatgttc	ntttantctt	ntttnttctn	720
ctagtatggt	ncttnattat	ctantctntn	tttatntatn	ctatcttctn	atnattntnt	780
catacctnta	ttcgtatata	nagnaactcn	acatgntang	tgctccttnc	natctcannn	840
nttantcttt	ncattctttn	gttatctgnc	gtntntcn	tnactgata	ntcatatnnc	900
cntnancnta	tatgatgaat	cacgntgtct	ttntcaagct	nnntctctc	tttcttctn	960
tnnataaaact	tntgactcng	tagtttactt	gatctttttn	atntctnaac	atcactccat	1020
tcncttnnct	cnngnacnnc	tctnttctnt	actattcttn	tctactctc	tnctctnttn	1080
gttanttaacn	cctccgatnc	tnntantct	cacnntcn	atnttcta	gtantntntg	1140
gtatatttct	gntatctcta	cancogactn	nancacgtt	cgtatagtat	nctaatannt	1200
gatntnatct	antgtntttt	tatcctnct	tcntantnct	ntttacatna	ctctntttnt	1260
ctgttttctt	tatctnctat	ngtnaanntt	cctatgngta	tnatnnggtt	nctctctann	1320
atttcattct	ctatctntan	ntctcattgt	atgcttcttt	ngcttctttn	cn	1372

&lt;210&gt; 1599

&lt;211&gt; 464

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

<222> (1)...(464)  
 <223> n = A,T,C or G

<400> 1599  
 tngatncctt cgatcagctc ttgttctttt tgcaggatcc ctcgatncgg cctatcttag 60  
 agaatcatct gctcannctt tattcctgca gaatacaaat gtcacattct aacctgttca 120  
 gagattgtct tcaanataaa antgtgattc ctacatggna tgnnaaacia nctacactnn 180  
 tnggcaaaaag gcattattag ggntngattc cataatgatt gagtncnttt nnnnagtata 240  
 ntcattgcanc tgaacaaaat gaagctcatt ccactgcntn gaanaatnnc acaaatgtga 300  
 tgctnaanan aggaagccac gtgcanaacac tnactatata attntatgta catnaagttc 360  
 agnatccgga tagttaccnn tgnnaaggan gtaactnnan gagtntgagg aggggnttct 420  
 ggtatctggt taatgnactt ngtaaccant acccaanagt gnnt 464

<210> 1600  
 <211> 922  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(922)  
 <223> n = A,T,C or G

<400> 1600  
 nnnnntaen cntnnnnnnn nnnnnnnnnn nnnntntnnn nnnntntnnn ntnntnnnnn 60  
 nnnntgnntn tnnnnnnnatn ggtnnnannt tntntntnnn nttacntnn nnnnnnnntn 120  
 cccccacgn nnnnnnnccc ccntcnnntn tntntntnnn ttnaatntcg antccgcacg 180  
 gaggatatac tacttatggn acantgaggg tgcaanggnn tcctannatt catgnggatg 240  
 ntccnnggtg tgaggaggga atctgcaatt gnttgctnna cagagcgctg gcaacttctg 300  
 acaggctgtt tctggggtat gggctgcctc gggttgttgc tgttacaagg aaagaaaaga 360  
 gttccctgc ccaccgcctc ccagccactg ggctacctcc tggcaggaaa tttgcaaact 420  
 gagtttaaca agttaggatc agcagagggg agaggagggc cctggcagat gtgggttcta 480  
 gaagaggaca ggagttatca gggcctccgg ccattgtgct gggcctttgc ctgtacaatt 540  
 gtttctcaag cagtgtgtc cctgtggctt tgggtgcctt gtgtgcactt tctccctcca 600  
 ccttgagaca tgggctaaca cccggaggaa aaggaaaaga cagagtcaag acaggggaca 660  
 atgaaacctt tgaagtgcctt atctatgaa agaggcccg ggtgggact aagaatccan 720  
 tgccgcncct aagagtttga ccaaccaccc ccctacagca actnttgngg atccccccat 780  
 cacctgaggg aggaaccaac ctaccattc caaaggggg ccaagggata agcccaaacc 840  
 tggggaacan aagcgaang gcctccaaag ggggtccat tnggccccag gaagggaanc 900  
 ccttgggaaa aaactcccan nt 922

<210> 1601  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(864)  
 <223> n = A,T,C or G

<400> 1601  
 ttgaattcca tacaagctac ttgttctttt tgcaggatcc ctcgattcga attcggcacg 60  
 aggagggagg atcccctggg ttgtgcatat ggcgggaagg ggtattccag gagtggagga 120  
 tgtcagcagg gtgggaatgg gatcagttag gggaggagga gcagaggagt cagaaggatc 180  
 taagggtagg gctgaagggt ggaacacacc tgtagggtg tttaggacac ggaaaggggc 240

ttgactttgc	tgccaacnaa	gatgtgaagc	tccaggcaag	ggtaacaatc	taacttacat	300
tttatgaggg	tctgtggca	gctgtggtga	gaacagactt	taagggtgct	gaggtggatc	360
acggagacct	gtggccaggc	tcttgtgtgg	taaatctggt	ttgggagaat	ggtggagaac	420
tggatgcang	taggancact	ggaagtggca	agaaatgact	ggattcttga	atattttgtt	480
caaaagttag	anccgaaccc	cggttttgtt	tgatggacct	tgaattgttg	gggtgttgat	540
taagaaaaga	agaaggangt	tcaaaggacc	aattttcttg	naaggnatct	ttaanntccn	600
ggaagccaan	ccttggnaaa	accaaggaaa	ggncttgcct	tgtnnaaat	tggnaaaaaa	660
tngggaaatt	gggaaaaccc	ttggggtttt	tttggggttt	gggggggnat	tttttcaaac	720
ccccatttgg	ggatttnccc	catttccant	tttttggang	ggnnngtttt	ttcnatttca	780
aanccaattt	ccccttaaan	tgggggtngg	naattaattt	ggggaacctt	ggggggcccc	840
aaatttttng	ggaacctttt	tacc				864

&lt;210&gt; 1602

&lt;211&gt; 619

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(619)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1602

ttgattcnat	acaactactt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
aagagacagc	ctctctcttc	tgtctcagaa	gctctgtgtt	tgggaaactt	tgagcccatg	120
gagtagcagg	gtctgcatgg	tggagtacca	ggtttccctg	gcaatccagg	tctcctntga	180
ggaagcattc	tgacttccca	ctgaccacgg	aaggcatgtc	agcttctntg	ctcggntag	240
agttctgata	atcggggctg	aggggtgaaa	agaaatccag	tcagacagac	agtgggggag	300
acaggtcctt	gccctttatt	tgcggggatc	aatcagggac	tccananaag	gaaggagaat	360
ggtagagaag	ccctaagagt	togtctctca	cctggggctg	tgacgtggca	ccacaactga	420
aacagctatg	ggtggcggtg	tgtgttaacc	tcacgtntct	aactgacatt	gncaaagagg	480
aggagtntac	attcagatgg	caggcggtca	ggaacaacac	attattaatg	gctagcagtg	540
acatatgaga	aacagatctt	atatctccag	gtagcaccca	nctgttgtn	tcatatcttg	600
agaganaatg	gatannact					619

&lt;210&gt; 1603

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1603

ttgaanncca	tacaactact	tgtctttttg	caggatcttn	tagacctttg	tgaaccagat	60
gatgaaagtg	gctatgatgt	tttagccaac	ccccaggac	cagaaagacc	aggatgntga	120
tgacgatgcc	tntagcggat	gtgtttgaat	ttganttttc	agagaccccc	ctnttaccgt	180
gttataacat	ccaagtntct	gtggctcagg	ggccacgaaa	ctggctactg	ctttcggatg	240
tccttaagaa	attgaaaatg	tcctcccga	tatttctctg	caattttcca	aacgtggaaa	300
ttgtcaccat	tgacagaggca	gaattttatc	ggcagggttc	tgcaagtctc	ttgttctctt	360
gctccaaaga	cctgggaagc	cttcaaccct	gaaagtaagg	agctgttaga	tctggtggaa	420
ttcacgaacg	aaaattcaga	ctctgctggg	ctcctctgta	gaagtgggct	tccaccccag	480
tgatctggcc	tcagacaact	actggtgagc	aagctggccc	accatgtaca	gtgtggtata	540
gtggttaatc	cttgtgcata	tgtgcataat	acaactattc	tgnaagaaa	ggcactntac	600

atatgaaaat atttntnttt tatataagaa aaattactcc agtcagaaaag gacttaaaaa 660  
 catgtttttt tccttttttaa actttttaag tcaagttttt atgaaagtgg gttttaatng 720  
 t 721

<210> 1604  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 1604  
 ttngatacag ctcttgtctt ttgcaggatc ttatcgattc gaattcggca cgagccctat 60  
 cttatgagaa aagtaacttt gaaaggacta atacatcctg ttcttagctt ntgcttcctt 120  
 caggccttct ctatgaagcc agcctattct gctcagcgtt ttggaacct gattctattt 180  
 catggaccga agcattgccc aattgtagaa ttgcaataaa gccaaactgag atctttaaat 240  
 tggctataat tcatcctttg gcaatacagt aaaaaaaaaa aattctcaca attctgtaga 300  
 agggatatgag atatacaata aaagacaccc ccaccctctg caatctacca ctcacagtag 360  
 tttatctggt gggttccact ttttaacaat ggtctgggcc aggtgcagtg actcactccc 420  
 gtaatcctag cactttggaa ggtcgaggcg ggcagggttg ctgagctcag gagttcaaga 480  
 ccaacctggg caacacagtg aaacccctgt ctctactaaa atacagaaga aaattagccg 540  
 ggtgtggcgg catgcgcctg gtagtcccaa cttactcgtt tggctgaggg aagganaaat 600  
 tgcttggaac ccatgaaggc aaaaggntgg cagtggagcc cgagaatcat tgccggnntg 660  
 cacttccaac cctgggggtg gacaagaaac cgaagaactt ttgtctttta aaaaaaat 720  
 aaattaaaaa aaaaaaaa 738

<210> 1605  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 1605  
 naattccata canctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60  
 agaaggtcgc ctctaccttg ccagaacac aaaggtgctg cagatgctgg agggagggct 120  
 gaaggaggag gacaaggnnt tcatcaccag gganaatggt nttggggccc tgcanaagtt 180  
 cagtctcagg cgcccgtgc agacagcgat gattcaagac ggcctcatct tctggctggt 240  
 tgatgttctg aaggaccctg actgcctgtc tgactacacg ctggagtact cgggtgcttt 300  
 gctcatgaac ctctgcctcc gcagcacagg gaagaacatg tgtgccaagg tgggcaggcc 360  
 tcgtgctcaa agtcctttcg gatcttcttg gccatgaaaa ccatgagata cagcccgtat 420  
 tgtgaatgga gctcttgtag agcatccttt ctgttccatc ctttctggag gaagcaagan 480  
 caatgggaat ggaagacatc ctacctgctt catcaaanan gcaatgctga aatgaccgcc 540  
 agatagaatt catcatcaag cagcttaaat tccgaagagc taccagatgg tgttctttga 600  
 atcttgntga tgatgaagat gaagatgntg aagaggacca tgacntcntg gaagccgatc 660  
 ttggcaaaaa ccaactgatn ccaccccact tggaaaaactc tcaggaaana agctt 715

<210> 1606  
 <211> 682  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (682)

<223> n = A,T,C or G

<400> 1606

tnnattcnat	caacctactt	gttctttttt	caggatccca	tcgattcgaa	ttcggcacga	60
gggtgggtgg	cagagggaaa	tccaacatgc	agactgtggc	agtgtcttga	acttctgttt	120
attcaggtca	ttgantaaaa	aactcttttc	ttctgcattc	ctgtctttct	gcattgtgtgt	180
gtgtgtgtgg	gctgggtagg	gactgttttt	gagatcactg	gctgaaatgt	attctagggg	240
tgaaggatct	aggatgtacc	tgctcgatcat	ttcctgactt	cacctttacc	aattcttttc	300
ttaacaaatt	taaaattggt	cagagcagga	gctgctagct	ggcttttaac	agtgtttctc	360
ataatggcag	tactcagcaa	atagtttttc	tcttgtctcc	taaaattaag	ttgcaagact	420
aatgtaacaa	acagtaaaat	ttaagctaaa	gaactcagta	taggctgggt	gtgggtggtt	480
acgtctataa	ttccacactt	tgggangctg	agggtgaagg	attgcttgag	cccaggagtt	540
tgagaccacc	tgggcaacgt	aggagaccc	tgctctacaa	attaaaaccg	caacacacca	600
aaaacctcta	ctggcacgga	gtggtgcgcc	ctgtgtccct	actccaactc	tcanaggcag	660
nangacatcc	tgggcccaag	ag				682

<210> 1607

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (1356)

<223> n = A,T,C or G

<400> 1607

cncncgcnga	annactntgn	tanatgtaag	aaataatgat	nctnngcntn	atancnannt	60
nnncaaaacn	attagntnnn	taatanagan	tncnnnggnn	annatnagcn	aggcttgtaa	120
ccttggcaan	ccgtnggtca	gtccagnnag	tcacgnnnnn	cnnnngnnnn	ttactctatc	180
ncntatntnc	nctngnatnt	tttnacnngc	nggaanaatc	naccnctcn	nggtggngaa	240
ntagngggnn	aagtnnetgn	aacnataacc	atggngntga	gngcnagaaa	ancgaggaga	300
gatgnggaga	tgccggcacct	ntgtnnaaan	cctgcnnnnc	tgngannncc	nntggngnnt	360
cgggagnanc	nnactcctan	nnngangacn	ggnnnatnga	atngttannc	gnanaaaacn	420
ccgtgactaa	atgtgtcgtg	ggaaganng	gngtgcgnnt	aaaangnttg	atancgnttn	480
ngancatntg	gatttgagta	atangaaang	ancnncgggt	ngnattnnag	ngaangganc	540
gggcgnnanc	cnccancnc	gantgaagnn	cgncaannc	ncancnaact	ggnnntcnnt	600
anaantgntg	antgcctnta	nanntnagg	ggcggggaat	acnatectaa	atcgtggnan	660
catacactga	ggnaatntnn	annanaagaa	tnnctcnnac	atntnnatag	ananaagant	720
atntnnagtn	tctnnaaanac	ncanaanntc	cnttgtncaa	agngaaatgg	ncnngagngt	780
ccagcacaga	nataaacaca	tgacatccn	tgangcttgn	atcnaacacg	ngacgaaagc	840
agtngccgan	nanattntnn	tnagcangaa	gancnatatg	ctgtnnatct	cncttgncna	900
aanctgtant	tancataana	ccangcncgt	nngcancgan	gangcaatan	ccncantgnt	960
nagntaangc	tnccncattn	ggnggangaa	taaaatcnga	tgngganantg	aaannnangg	1020
ngctgcnet	attacgnaa	tcatatctaa	atatannana	ccatncttgt	nagangntat	1080
acnctnatan	tntctntcag	atgngnacgc	ttgnatgtcn	tctatcntnn	ctattcatat	1140
ctgacacgtn	cgnacgcag	tnnattgnta	acgcacgtag	ngtgtncacn	tnnncnctcc	1200
cgnngntagn	gacagagacn	ggagannnca	tctctngtgc	gcgnatanna	gtaaagancc	1260
nnctgtcan	ancgcgntat	cgatanttat	gngtgncttc	atncnnntaa	caaaagcaac	1320
gctcntnttn	ttncggaana	aaaaaanacc	nnncng			1356

<210> 1608  
 <211> 1588  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1588)  
 <223> n = A,T,C or G

<400> 1608

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ttgancngtn	tnnatngtcn	nancncnaat	ttgnnnngnt	tacnanccg	cantgtccnn	120
tnctnattaa	ancngtaaag	aaantncngc	ccnctgttnn	gatngtatcg	gcagttattgt	180
nantgcgnaa	tnnnacnnac	annnantata	tctggggggg	cnctnnnnnc	ntnangncnc	240
atggncnana	tgcgtcnnta	ntgtgngntn	gccccgtntg	nntctcatgn	nnctnnnnna	300
atnccnncac	cncctcganc	nnnataacnn	tnnnctcnng	ncntaganta	cnngaaagcg	360
ctctatcnac	atccntaggc	tanagtcanc	ccnccnnntt	ctntnntnat	ngaantntcn	420
ncntntnntn	tanaaacgat	nctncanata	ngacnctccn	ctngnntaaa	tgantattnn	480
cntcgcaann	atccaccata	tnacgtngct	caanagnngt	tncttnatac	tacannnacc	540
nnattgncgg	tnnnnacntc	acacgctgaa	agtngggacn	nacacgntct	anctntgnga	600
gtantntaca	ccntaanatg	tgatctntca	acncgcatct	gtacatcgcg	ncgannanca	660
cnnanngatc	ncatnaatnc	gtnacancct	anantcnana	tnatnnntcg	cncacaggnt	720
cnancctgga	tttnatnagn	nnatgtntat	nntcactann	atntggcncc	nnngangggc	780
cgacnancnt	ngantangag	ngntatctgt	ggannccatan	atcntngcca	cnaggtagcg	840
nnccacntna	ccgcgcngat	naagangagt	ttnacnatta	cattanagtg	ngtacgcttt	900
ncatanaact	ntaannatcn	agtataacna	gancgnataa	tctntttgat	nnntctacn	960
cnegcatgca	actcnnctn	ntatacnnc	tgcgntcnac	ntcngantg	canancngna	1020
tgtnnnnatc	nnanacagac	atgtatctac	gnaggnatnt	ttatntntga	ctattcnntn	1080
tancgnncga	ctgtgtnttt	anntnngcaa	ttgtgcnat	tgancgtaaa	atatntacga	1140
ctcgttcgcg	tatacnncga	ctcgttcnnc	gcatttacta	ngcantttcc	nctcgctaaa	1200
natccnngcc	tnnangagtg	tacntegtct	cgagtcgcgn	cnntacnecn	actgtgngng	1260
antnananct	nctntntatn	cgncgcgnat	cgcgcnegca	tatgaccnna	nntctcgcaa	1320
gtatcttcca	tagcacntaa	ancntgnntc	tnnacnata	antnnctnta	cttctcantt	1380
ttatacaatn	nantcgntnc	tannctnneg	catntacgaa	cngcgcnncn	atgantntac	1440
anncgctgnc	gtncngcgnt	annccanant	gtccgctnac	tcacantang	tncanngctt	1500
agtcnngacn	cacgtgntaa	tgntcgatcg	nagcctggcg	acatagncat	tnctgtgatna	1560
nnnnnncttc	ntcncgacgc	nctnnncc				1588

<210> 1609  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 1609

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gatgagggct	gtcggccagg	aactgatcga	gcttgtaaat	tgcatattgtc	aaatgcaggg	120
aaattgggaa	ttagtgaat	cggagaagg	ggtttgga	acaaatgact	cgtgcctaag	180
gaaatttttt	gcaggaaagt	atctcaggag	ccccgcagt	caggagctg	ctggtgtgga	240
ctcagactac	atggttgaaa	taggcaggag	ctgggcgggg	cacagtggct	caggcttgta	300
atcccagcac	cacactttgg	gagacggagg	caggcagatc	acttgatgcc	aggagtgtga	360

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gaccagtctg gccaacatgg tgaaacctgt ctctactaaa aatacgaaaa attagctggg      420
tgtggtggca ggcacctgtn atnccagcta cttgggaggc tgaagcanaa gttgcagtga      480
gcccagatg  gtgccattg  cactccancc  tngcaacaa  aaagcnaaac  ttncatctaa  540
aanaaaaaa  gaaagaaaga  aatttngcng  ggaccccaag  cttacattct  ttcctttttg  600
gtaaaactgg ttggggaaat  gggttncct  tccgtgaaga  anccancaag  gtagggtcna  660
tcttttcttc ccccttnag  gacatttgg  tttgcngaa  tctttaaaaa  naaaaaatan  720
aacnactnc  ttnnct

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<210> 1610

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 1610

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canatacagc tcttgttctt tttgcaggat cccatcgatt cgaattcggc acgaggggga      60
gtaacagaag cctggataca attactctat caggagatga aaggggactt tggggagact      120
ggaatgntga aattgtttta taattcttca gtagaacaga tctgggatca cagttttaca      180
ggggcagaga tttaagttgg ccctctagtt atggagacac tcctactggg ttctataaaa      240
ggaatactta cattgcccaa accagtgcac ttcaaatctt cagcccaagg aangttccaa      300
cgctattgaa tttatggaaa cgtttgtatt tgctattaaa cttcaaaatc tacaaactgt      360
aagacttgta tttaagattc aaacccagac tcccaggaag aaaaccattg gagaatgctc      420
aatgtcactc agaaccctta cacacaggaa atggattact ctttggatat aacaccacct      480
tcaaaaattt ctgtttgcca tgccagaact tgaattgggg acttgttttc aagcagtaaa      540
tagcagaatt cagttacaaa ttcttgagg cacggnacct ttccaagctc atcaacacct      600
ntgaactttg agttttttcg tgaangngg ggaatgttta acctcnggag aagttgattt      660
atnaaaaaaa agacacgctt acttgaangg cctccatggg aanantcaaa      710

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<210> 1611

<211> 714

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 1611

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tnnaatntca natacancta cttgttcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagaatgga tgctcatata ttgcttatgg atattttgga taccaaagta ggaataactg      120
gacattcagt attttaaagc tggcaaacct gtacatagaa aatagatccc cagacagtgg      180
tctatgaaga gggcagttaa gtatcaaatc ttaattttct tgcctttttt tcttaagtgg      240
ggaaaagtgc tagatctctt acacctctga cacaatctgt tctaaaacag gcacttgtaa      300
tgttggggcc tccttgtaaa cgtgtttttg ccctttactc tctgggatta caggcgtgag      360
ccagtgcacc cggcggaatc ttggaatttt tatagacagc acctcagttt ctgactccag      420
ccgcacacct tctgcctcta ccagcanggg ttgcccagc accagaccag ggccaggtcc      480
ctgcgtccat ccccccggtg ggatggacgt gagccatcct tctaggggac ttttttcaat      540
gtcgaactc  gtctcttggt aggtggtang aaccagtttg tntggnctgt gccacgcctc      600
cacaatgccg tggctgggct tcttgtgtgg tggmctgtgg tcccctgtc cctgcangaa      660
nccaacaagg catctgtggc gtggacaact tgtgttccaa anccactggc ccgg      714

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<210> 1612  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 1612  
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 tgccccctca gaacatgcag agtgtatctt tttttaaat tctccttcg tttcttaagt 120  
 attgctcaga tttgttcaac tttgtaaata tggacatcac ttttttttc tttgagaaaa 180  
 cacttgatc agctttgtgg tgttttcagg gagacagctg tctgcattcc ctgtagaaac 240  
 ccagcaatga ttatgcacgt tgagacatgt gctttttatt tcttagcaag atattttatc 300  
 tctgtacata aagtagaaac caaaagctag ggaaacagat actctttaca ccacatgcc 360  
 acgcattgtt ttaaagcat tgcgttaaaa aaaaattaac taaaccaaga tgctgtgatt 420  
 ttttaagttg caatatgttt ttggtttttt tcatttttta atcattgcag ttaagagaaa 480  
 tggaaaattaa gttgtgttaa atcttgcaga atgtttgcag gactgactat caaactggat 540  
 gatttccatt tatccctact gngtcagggt caagcatcaa aaatccctg cntctgagac 600  
 agacttntca ncatcaggga cagggatctg gtgtgtcatt atacaaaaca gtctaggggg 660  
 tggaactncn tagtaaaaaa ataaaataaa tggncctt 698

<210> 1613  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 1613  
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 gagaacaaca aaaatctgaa cagaaatgct ctatttacgt tcttttcctt atctgtagt 120  
 ttttaagtc attaaactta aaaatgatgt tcaggagaag atgagtgtat ttgcatagtc 180  
 tgtcataact ctggtattat tttgtacaag gagtgtgtta gggttttcag ttgtaaccat 240  
 gcagaaaatc tacaaaataa aagcagttgt taattagtcc tttacaatca gaattgtcta 300  
 ttttggaat ttatgaagta cttcagatgt aatttaagaa attgtatttg agccaagcgt 360  
 ggtggctcac acctgttatc ccagcacttt aggagcctga ggcaggtgga tcacaaggtc 420  
 aagagttega gaccagcctg accaacatgg tgaaacccca tctcaactaa aaatacaaaa 480  
 cttaactggg ccgtggtggc gcgcgcctgt aatccacta ctcaggaggc tgagtcagga 540  
 gaattacttg aatctaggag gtggagggtg cagtgaagcc agatcacgcc ctgcacttca 600  
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 caggctgggc acggnntta cgcctgtaat cccacact 698

<210> 1614  
 <211> 701  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(701)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1614

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tgagattct	ctttagaata	tcttcaccta	ggccccaaag	gattctcata	gatagatttc	180
caacaaatat	gaggttataa	taaaaaatac	aatcacata	tagaagtatg	gcacatgaa	240
tgagaaagga	aaaactgtca	gaacaagacc	ctcaagactt	tactggaatt	aacaagcaat	300
atgtaaagta	aatagaaata	agctattcat	aataagaata	atgtataaga	gactactaaa	360
aataactggg	cagatttgaa	aataatctaa	gttctgggaa	tgaaaaataat	aactgaaaaa	420
cagctganag	agagaattaa	tgaactaaaa	gaaagtgtgt	tagagattat	ccagaaatta	480
ggacaaatca	tcataaagaa	aatatgggta	gaaaagggtta	agatggaagg	ataaggcaag	540
tgcttanca	atgtccagaa	ggaaataata	gaaaaaaatg	tnttaattcc	tcncactgg	600
taaaagacat	gatggctcag	attcagggaa	ttgtacccat	ctcaaaaaaa	aaaaaaggga	660
angaaaagtg	gccaggggaa	atccttatta	aaatcctgtg	g		701

&lt;210&gt; 1615

&lt;211&gt; 791

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(791)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1615

ttnanttcan	attnantctt	tgctcttttt	gcaggatccc	atcgattcga	attcggcagc	60
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ctgaagtcag	gaaaatcccc	gtaggcactg	tattagtgtg	tccattttatc	ccagcactcc	180
acttgtggat	gaaggagtgt	tatagaaagg	agatgagaaa	atggcaggag	tggaagcagc	240
caagaagaga	tcgatgactg	aagatctcct	tcaccttcag	gactgtctca	aggggttatt	300
tcacctctac	tcatgaggat	ggccagtttt	tctgtctttt	atcttttagac	ccatatataa	360
tcagttcaga	gcacaaatca	aaataaaactg	gcctaaataa	ctgaatctag	gaacaaagct	420
acatcttttt	tcatatgccca	aagctctgtt	tcctcatggt	gttcctactt	ttttaaataa	480
taaatgggct	tctcaacat	cttaaggaac	taagatgggg	tccccatctn	gggtagnaac	540
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anttanggaa	aaccnccggt	tnanttngga	aaaaagggaac	cgggggnaga	aaaccttcgtt	660
cntggccagg	gntttttngg	ccaagtggaa	aaantttggg	tenttttccc	aggnngnaaa	720
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ttccccnttt	g					791

&lt;210&gt; 1616

&lt;211&gt; 741

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(741)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1616

ancccnttga	aattcacata	caagctactt	gttctttttg	caggatccca	tcgattcga	60
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taggtgaata	tgatgctcca	cttccccccac	agatactcaa	atagctctga	ctgctgaaat	180

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attggtatct tactgtcagc acataacttg ttgctgtgtt attgacattt tcaactgtttt 240
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tttgtcaaat gagataaaag tatccacttc ataggggtgt tatgaggatt aatgatgaat 360
acaaaacact taacatagta cgtggcatgt aatattagtt gtaaagttaa tgtattcatt 420
atcatcattc tgtttcaa atcagcaatgaa atacagacta cactaatccc atttctgctt 480
ggaattgtga gtctaaatgc catgtagcag ttccctgctt gaaatacact gtaaaccttc 540
caattgcagt caagaatttt actaccttct anggtatacc agggatgggt ggaacataag 600
taaacccttg agatttggct tttcccctg gtttgggaat tctaancctt ttctaccaa 660
aaaggtaggt aaccctaaa aatttcta atccatgccc caccntggat ggctnccn 720
ccaattaaaa actttcagta a 741

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&lt;210&gt; 1617

&lt;211&gt; 738

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(738)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1617

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ttnanttc anctcctt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
gccctatctt atgagaaaag taactttgaa aggactaata catcctgttc ttagcttctg 120
cttccttcag gccttctcta tgaagccagc ctattctgct cagcgctttg gaacactgat 180
tctatttcat ggaccgaagc attgccaat tgtagaattg caataaagcc aactgagatc 240
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ctgtagaagg gtatgagata tacaataaaa gacaccccca ccctctgcaa tctaccactc 360
acagtagttt atctggtggt ttccactttt taacaatggg tctgggcccag gtgcagtgc 420
tactcccgt aatcctaaca ctttgggaagg tcgaggcggg cagggtgcct gagctcanga 480
gttcaagacc aacctgggca acacagtga acccctgtct ctactaaaat acagaagaaa 540
ttaaccggg tgtaggggca tgcgcctgta gtcccagcta ctcgtttggg ctgangcaag 600
gaaaaattgc ttggaacca ttgangcaaa aggnntgcag tggagcccaa aatcaatgcc 660
ggttggnact ttcaaacctt ggggtggaca aaaaccgaag aacttttgtc tnttttaaaa 720
aaaaattaaa tttaaaaa 738

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&lt;210&gt; 1618

&lt;211&gt; 722

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(722)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1618

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gnnttttann ncnntttan tttcanatac anctacttgt tctttttgca gggatcccat 60
cgattcgaat tcggcacgag atcatattca agttggcagg tttgactgtt cctctgcacc 120
agacatctgt agtaattctg atgtttttca gccgtctcta gcagtattta aaggacaagg 180
aaccaaaagaa tatgaaattc atcatggaaa gaagattcta tatgatatac ttgcctttgc 240
caaagaaagt gtgaattctc atgttaccac gcttggacct caaaattttc ctgccaatga 300
caaagaacca tggttgtgtg atttctttgc cccctggtgt ccaccatgtc gagctttact 360
accagagtta cgaagagcat caaatcttct ttatggtcag cttaagtttg gtacactaga 420
ttgtacagtt catgagggac tctgtaacat gtataacatt caggcttate caacaacagt 480
ggattccaac cagtcacat tcatgagtat gaaggacatc actctgctga acaaatcttg 540

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gagttcatag angatcttat gaatccttca gtggtctccc ttacacccac caccttcaac      600
gaactagtta cacaaagaaa acacaacgaa gtctggatgg ttgatttcta ttctccgtgg      660
tgtatcctt gccaaagtctt aatgccaaaa tggaaaagaa tggcccgac attaactgga      720
ct                                                                    722

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<210> 1619
<211> 702
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(702)
<223> n = A,T,C or G

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<400> 1619
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tacctcaact tttggcaggt ntactctaaa gctattaagt atntaatatg ggctcggcat      180
ggtggctcac acctgtgagc cacctancac tttggcagtc caaggcggac agatcacttc      240
aggtcaggag tttgagacca gcctgtccga cgtggtgaaa ccccatctct actaaaaata      300
caaaaaccga ncgtgggtggg tggcatgcac ctgtgggtccc actacttggg aggctgaggc      360
agganaatcg cttgacccag gaggcggagg ttgcagttag ccaagactgt gccactgcat      420
ttcagcctgg gtgacagagg gagactgtct caaaaacaaa aaaacaaaaa acaatggctg      480
ggcacgggtg ctcacgcccc taatcccagc actttgagan gctgaggcgt gcgttatcac      540
cttgagggtc aatgttgaan accagcctgg tcaaaacttg tgaactgtc tntacaaaa      600
atacaagaat taggtggaca tgggtgtcggg ctctgtaatc tcaacttacc aggangetga      660
ggcaggaaaa tggctttgaa cccaaggang tggaaagtca at                                                                    702

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<210> 1620
<211> 1028
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1028)
<223> n = A,T,C or G

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<400> 1620
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cgcnaacttg nncgccgtgg tggacaacgt gccccnttn cnetggangg aattcgtncg      120
gcgcctaggg ntgaactnga ccacgatatc cgatnngcat ggagctgnaa gaacaggggcg      180
ctgnccttgn gccnagggcn gcnaatacan tnatgcttnt cgnaacctgg gaaangctgg      240
ntgcaactcc cnatgggtt tcggaagngn ccaacggctt ggggnaaacc ttgccttggg      300
gaaacgtccn nttgtcttnc cgggatntaa ccaattnggg aaccccttg gctttngggg      360
gncnttggcn cctnngggga annngaacca ttttccnata tnnggaaang gccccnctt      420
nttttggncg gaagcccccc anncccttnc cnttttccc tggttgcncg gcccgacctc      480
caaattgcct ttttttttaa ataattgcaa anggccttga ccccccccc ttnantgnng      540
ccaggctttt taaaanggaa cccggttccc ttgntaaaaa atcnaccctt taccnnaacc      600
cccaactttt ntttttntt ggaaaaaag ggaaangggg atccctggcc atgggngcca      660
aantcnaagt anacttatcc aaaatccgga gcttnacctt ttgnttggct ttaaacccca      720
anttcggatt nntaccanta aacttttttc ctttntaaaac taaatccttg accnncgncc      780
ntctcttaac aattaaaanc ntccttgttt ncctcctcca naaaaaagna tnnttncnc      840
cccanagnng ccttcaaaaa aaacnttgn ggtgggggtg gggattttng ggaaggaaan      900
anaagggaac cnttttgcg ttnaaagccc cntnttttgg ggttttaact gaacnaaanc      960

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caaggtttgt ttngnaggcc cctnngggnc canncctttt aancntttt tcaccaatng 1020  
gcantaan 1028

<210> 1621  
<211> 749  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(749)  
<223> n = A,T,C or G

<400> 1621  
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ggcagcaggc ggctcttttc cctcgtgact cgggtgctcc tggcgccgcg acggggcctc 120  
acgggtccga gtcccgacga acccctgccg gtgggtgcncn ttccaaaaaa gctcccagaga 180  
cntacttttt tgacacagaca tagcctntcg gggcctggac agcactgggtg tggagctgggt 240  
tgtcaattat gatttcccc cagccttgca agattacatc cacagagcag ggagagtggg 300  
ccgtgttggg gagcnagggt ccaggcaccg tcatcagttt tgtgacccat ccttgggatg 360  
tgagcctggt tcanaagatt gagctggcgg ctgcgccgaag gagaagtctt ccaggactag 420  
catcctcggt gaaagagcct ttgccccaac aacctgattt tgacaaatct gattaaaatg 480  
tgatgctaga caggatctt tcccagatc ttgagtgggg tgaccacact ttgtcagtgg 540  
ggaggcttnt gggcttgccc ttgtcngctt ccttgagggc cgggatgaac tgcttttggg 600  
aactttggaa aaggtacccc tgcttggncc agcatttggg angaaaaaaa cctgcttgaa 660  
ncattggctt ttcttgtaag tcntttaanc aaagaacaca aagtgggatt ttggactttt 720  
ggantcatgg tcattgaatt tcttaacaa 749

<210> 1622  
<211> 707  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(707)  
<223> n = A,T,C or G

<400> 1622  
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agctgaccc cgccttccag aanganctga aggagatcca gtacggaatc agagcccacg 120  
agtggatgtt cccggtgtga actgcaggct gtgctccaga tccaccgacc cgtagcatct 180  
cgtcacgcca gcaactgcct ccctaccaat gactcacctg aaattgaaac gggcaggaaa 240  
tagtctggca gcctctacag cagaagaaac ggcaggcagt gcccagggtc gtgcccagga 300  
ggctgagcag ctgctacgcg gtcctctggg tgatcagtac cagacggtga agccctagct 360  
gagcgcaagg cccaagggtg gctggctgta caggcaaggc cagaacaact gcgggatgag 420  
gctcgggacc tgttgcaagc cgtcaggac aagctgcagc ggctacagga attggaaggc 480  
acctatgagg aaaatgagcg ggcactggag agtaangcag cccctcgtcg cgggttcang 540  
tccgcccatt actnctttgt cgtgcngtca aaggatacac ctttgcccc gattnccgga 600  
tcttnttccg ttctcangcc anaaccctg gtgcttgcg gtgaattttt ttttctctg 660  
gctttgcttg caatttttga aaataaaatg nccnaaaac aaaaaat 707

<210> 1623  
<211> 707  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 1623  
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 agagagagag agagagagag agagagagag agctnacacc agaagaacaa ttagcagata 180  
 aactgcggct aaagaaatta caggaagagt cagacctcga attagcaaag gaaacttttg 240  
 gtgttaataa tgcagtttat ggaatagatg ctatgaaccc atcttcaaga gatgacttta 300  
 cagagtttgg aaagtacta aaagataaaa ttacacaata tgaaaagtca ctatattatg 360  
 ccagtttttt ggaagtctta gttcgagatg tgtgtatttc atgtaaagta attctaattt 420  
 ctagcccttc tgggtagatt tttagtagga tgttctcttc aggaggttga aggtttatttt 480  
 ttattttcaa ggatactata atacanactc atgatttgct gtttttagca attaccttgt 540  
 gaatgtgtgc tgcanaatcag tgaatttgag tgctggatct ttttgtttgt tgnaggggta 600  
 agaagacttn ttgtttacaa tggcttcctt taaaanatac ctgggcttgt caccaaagca 660  
 nttaataaaa cactggcctn ttntttttaa aaaaaaaaaa aaaaaaa 707

<210> 1624  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 1624  
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 aggaaattca gaagaaatta gaagctgcag aagaaagacg caagtcccat gaagctgagg 180  
 tcttgaagca gctggctgag aaacgagagc acgagaaaga agtgcttcag aaggcaatag 240  
 aagagaacaa caacttcagt aaaatggcag aagagaaact gaccacaaa atggaagcta 300  
 ataaagagaa ccgagaggca caaatggctg ccaaactgga acgtttgcga gagaaggata 360  
 agcacattga agaagtgcgg aagaacaaag aatccaaaaga ccctgctgac gagactgaag 420  
 ctgactaatt tgttctgaga actgactttc tccccatccc ctctctaaat atccaaagac 480  
 tgtactggcc agtgtcattt tattttttcc ctccctgacaa atatttttaga agctaattga 540  
 ggactgtata ggtagatcca gatccagact gtaagatggt gtttaagggtc taaaggggag 600  
 aactgaagtg ttttactctt tttctaagtg ttggctttct atgnactatt ttcttggtgt 660  
 ctttttactt cntcacttgg ggn 683

<210> 1625  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 1625  
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 gcagggaatc tggcatcggg tgggtccgca ggggcnacat ccctgtgttt tgtgtacctt 120

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cttgattttg cccgtaccg tctagcagct gatgtgggta aagctggact gaaagggaaat 180
tccgaggcct cggtgactgc ctggttaaga tctacaaatc tgatgggatt aagggcctgt 240
ccaaggcttt aacgtgtctg tgcaggggat tatcatctac cgagccgcct acttcgggat 300
ctatgacact gcaaagggaa tgcttccgga tccaagaac actcacatcg tcatcagctg 360
gatgatcgca cagactgtca ctgctgttgc cgggttgact tcctatccat ttgacactgt 420
tcgccgccgc atgatgatgc agtcagggcg caaaggaaact gacatcatgt acacaggcac 480
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tggtccaatg ttctcanaag catgggtggn gcttttngc ttgtctttna ttgatgaaat 600
caagaagtac accntaagtt tatttcctan gattttttcc ccctgtgaaa caaggcattg 660
ttggaantta atatnaacaa antctttgaa ncattttttt gaacana 707

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&lt;210&gt; 1626

&lt;211&gt; 700

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(700)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1626

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ttgacttcgt atacaatntc ttgntctttt tgcaggatcc ctcgattcga attcggcacg 60
agcgaagtgc ggatcgaaga aagatcaaaa agccggggtc gaaagtcata taagcacagg 120
gagcaaaaagt cgggacagag aacaagatag aaaatccaag gagaagaaaa agaggggatc 180
tgatgataaa aaaagtagtg tgaagtccgg tagtcgagaa aagcagagtg aagacacaaa 240
cactgaatcg aaggaaagtg atctaagaat gaggtcaatg ggaccagtga agacattaaa 300
tctgaagggtg acactcagtc caattaaaac tgatctgata agacctcaga tcagacagag 360
gactactgtt cgaagatttt tggagaaga ctgagaacgg cataaagtga agatcgacat 420
ttaaaaaatg aggtgaaaga aagctatagt ggcatagaaa aagtataaag ctgagttagt 480
ttttttatta ttattattat taaaagttaa ttcaggactg atgtgacctc ccagatttca 540
gaacatgtgt taatagtata tatgccactg aaaacttagg tcctgtatca tacttttttc 600
tttaagactt tttaagaaat attacttaaa ccttgtggct tgctcagtggt tttaattgcc 660
agtttcaatc ttggactttg aaacaggatt aaccgtagtn 700

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&lt;210&gt; 1627

&lt;211&gt; 703

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(703)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1627

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gagcttagga gttcaagacc agccttggtc acgtgggtaa accccattgc tacaaaaata 120
tatatatata aaaaattagc tgggagcggg tggcacatgc ctgtagtccc aactactcag 180
gaagcccgan gtgggagaat tgcttgagtc tggggagcag aggttgagct gagctaaggt 240
catgccactg tactccagcc tgacagagca agaccctgtc ccccgacaaa aaaaagcatc 300
atgagcaact ctcccaaggc tggcccctgc acatgtcttc ccatccacca atagagtccc 360
agttcatagc cattgtcaca ccattgtcct gtcttctctc caactgaggg tgatgtttag 420
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ttgtagaaaa ggagctatgg atgtttcctt gaaaacangc cccgattcct gtgacacacc 540
catcacatgt tgctcaaagc tatcccaaga tattaccaaa tattggacat cctgtcctgg 600

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gtgagcaggt agcagtgcta aggtaagaca aagttncag ttctgggagt cttcctactt 660  
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<210> 1628  
<211> 715  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(715)  
<223> n = A,T,C or G

<400> 1628  
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ccaagtttac aagtagacac ccctgggggg gcgggcagtg gacaaggatg gcaaggggtg 180  
ggcattgggg tgccaggcag gcatgtacag actctatata tctatatata atgtacagac 240  
agacagagtc ccttcctctt ttaacccctt gacctttctt gacttccctc tcagcttcag 300  
accccttccc caccangcta ggccccccac acctggggga cccctgggc cctcttttgt 360  
cttctgtgaa gacaggacct atgcaacgca cagacacttt tggagaccgt aaaacaacaa 420  
gcgccccctc ccttcagacc cttgagccgg gaaccatctc ccaggacctt gccctgtctca 480  
ccctatgtgg tcccacctat nctcctgggc ctttttttaa gtgctttggg ctgtgacttt 540  
catactctgc tctttagtct aaaaaaaaaa aaactggaga tnaaanttnn nnntnccaaa 600  
nnnnnnant tnnnnnnnc annnnnnnnn nnnnnnnnnn aaantnaatt tnnntnnnan 660  
ttgtntnnng ctnttanaaa tanantnnac ccttncctnt ataaaatttt gnnng 715

<210> 1629  
<211> 694  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(694)  
<223> n = A,T,C or G

<400> 1629  
ttcanatata agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60  
cctacactag tgaattaatc tgaaaggcac tgtgtcagtg gcatggcttg tatgcttgtc 120  
ctgtggtgac agtttgtgac attctgtctt catgaggctc cacagtcgac gctcctgtaa 180  
tcattctttg tattcactcc attccccctg ctgtctgcat ttgtctcaga catttccttg 240  
gctggacaga tggggttatg catttgcaat aatttccttc tgatttctct gtggaacgtg 300  
ttcgggtccc agtgaggact gtgtgtcttt ttacctgaa gttagttgca tattcagagg 360  
taaagttgtg tgctatcttg gcagcatctt agagatggag acattaacaa gctaattgta 420  
attagaatca tttgaattta tttttttcta atatgtgaaa cacagatttc aagtgtttta 480  
tctttttttt ttaaatttaa atgggaatat aacacaagtt ttcccttcca tattcctctc 540  
ttgagtttat gcacatctct ataaatcatt aagttttcta ttttattaca taaaattctt 600  
ttagaaaatg caaatagtga actttgtgaa tggatttttc catactcatc tacaattcct 660  
ccatttttaa atggactact tttattttta aatt 694

<210> 1630  
<211> 908  
<212> DNA  
<213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(908)  
 <223> n = A,T,C or G

<400> 1630

gaaaaccctt	ttgaaatncc	cnntttnaat	tcanatacaa	gctacttggt	ctttttgcag	60
gatcccatcg	attcgaattc	ggcacgaggt	ggcaaagctt	catccagtct	aggtcttcag	120
gattttgatt	tgctccgggt	aataggaaga	ggaagttatg	ccaaagtact	gttgggttcg	180
attaaaaaaa	acagatcgta	ttttatgcaa	tgaaagttgg	tgaaaaaaga	gcttggtaat	240
gatgatgagg	atattgattg	gggtacagac	aggaagaagc	atgtgtttga	gcaggcatcc	300
caatcatccc	tttcccttgg	ttggggcctg	canttccttg	gcttttccag	nacaggaaaa	360
gccaagaatt	ggtttctttt	ggtttanta	ggaagttant	ggttaaaaat	ggggaaggga	420
agaaccnta	aatgggtttt	ccantaatgg	ccaggccgga	accaaaaagg	aaaaaacct	480
tttcccntgg	naaagnaaaa	ccaattgncc	ccaagaaatt	tttttaacnt	tcttgcccaa	540
gaaaaaaatt	caaagttcct	taagcccant	tttaaaaaat	ttaattcctt	ttcnattgga	600
agcccgaaag	gggaattaaa	nttttnanta	aggaagaatt	tgnaaaacc	ttggggacca	660
aatggttatt	taacctgggg	acntcntgga	aaggccacc	antttaaaac	ntccactgga	720
cccaccggcc	attgtgttaa	aggaaaggat	ttaccggcca	gggnaagata	ccaaccagca	780
ctttctggng	gtacctncta	attacatgct	cctggaaatt	ttaagangag	aagattatgg	840
nttcaatggt	gactgggtgg	ctcttgaggt	gctcatgttt	gaagatgatg	gcaggaaggt	900
ctcctttt						908

<210> 1631  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 1631

gaancccttt	nnnttnnaa	ttcananaca	ngctacttgt	tctttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gaactaatga	aaaagtgggt	gtctctaacc	ttgggtatgt	120
ttcagagcat	cagggttaaa	ttacctcaac	ttttggcagg	tatactctaa	agctattaag	180
tatataatat	gggctcggca	tggtggctca	cacctgtgag	ccacctagca	ctttggcagt	240
ccaaggcgga	cagatcactt	cagggtcagga	gtttgagacc	agcctgtccg	acgtgggtgaa	300
accccatctc	tactaaaaat	acaaaaaccg	agcgtgggtg	gtggcatgca	cctgtgggtcc	360
cagctacttg	ggaggctgag	gcaggagaat	cgcttgaacc	cangaggcgg	aggttgagct	420
gagccaagac	tgtgccactg	catttcacct	gggtgacaga	gggagactgt	ctcaaaaaaca	480
aaaaaaca	aaacaatggc	tgggcacggt	ggctcacgcc	cgtaatccca	gcactttgaa	540
aggctgaggc	gtgcctttat	cacctgaggt	caagatgttg	aaaaaccacc	tggtcaactt	600
tggtgaaact	gtctctacca	aaaaatacaa	gaattangnt	ggacatgggtg	tcnggcttct	660
gtaatctcaa	cttantcang	aagctgaggc	angaaaaaat	ggctttgaa		710

<210> 1632  
 <211> 700  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(700)  
 <223> n = A,T,C or G

&lt;400&gt; 1632

tttgaaaccc	tttgnnantn	canttcanan	acaagctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	agagatacat	tgaactcttc	aggagcacag	cagctgaagt	120
tcagcaggtg	ctgaatcgat	tctcctcggc	ccctctcatt	ccacttccaa	cccctcccat	180
tattccagta	ctaacctcagc	aatttgtgcc	ccctacaaat	gttagagact	gtatacgcc	240
tcgaggtctt	ccctatgcag	ccacaattga	ggacatcctg	gatttcctgg	gggagttcgc	300
cacagatatt	cgtactcatg	gggttcacat	ggttttgaat	caccagggcc	gccatcagga	360
gatgccttta	tccagatgaa	gtctgcggac	agagcattta	tggctgcaca	gaagtgtcat	420
aaaaaaaaa	tgaaggacag	atatgttgaa	gtctttcagt	gttcagctga	ggagatgaac	480
tttgtgttaa	tggggggcac	tttaaatcga	aatggcttat	ccccaccgcc	atgtaagtta	540
ccatgtaagt	ttttcttggg	tcttggcgct	attctacgct	atatgctggg	aggtgcttaa	600
gctgctttcg	taactttctg	gcccctgggt	ctttctgagc	aggtgaggtg	gttatataag	660
gctcttccat	ctgtaatcag	tagtacctgg	taatcattta			700

&lt;210&gt; 1633

&lt;211&gt; 670

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(670)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1633

gntnaccnnc	cnngnncnaaa	nnacgcattnn	gnngnnttgg	ctnannttng	catttttagt	60
agagatgggg	cttcacaatg	ctgcccaggt	ttttcnngaa	ccgctgacct	taancgaggn	120
gnctgccttg	gcctccccaa	ggcgcnggaa	tnacaggcat	gagccaccgn	gcccggatga	180
cancctgatt	cattaagtgt	ctntnecnga	cagnctaagt	ancnagctan	cnnncatgga	240
agtgcattgc	cnncanngtg	ngttnttnan	ncctnaancn	gntgggncca	ggtntatnaa	300
cnanctnaca	nnctgngta	gagagggact	acaggcgcat	gccaccacac	ctggctattg	360
tggattttta	naaatttttt	ttgtanagac	agggctctac	tatgttgccc	aggttggttcn	420
tgantctctg	ggctccagag	agccttccat	ctcagcctcc	caaagtgcnt	ganatnatag	480
gcgtgagcca	ccacncttag	cccattgtna	cttttttagag	ctctaatact	tcctttaang	540
gcactaaaaa	ctcaatctta	aatccagttg	ntnttcattt	gggtgaatga	aatggnaggg	600
accctcctta	attttttttc	cagggttttg	ggattgaana	aatttcaann	atcttcaaag	660
cgacctaaan						670

&lt;210&gt; 1634

&lt;211&gt; 716

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(716)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1634

tcccntatac	aagctacttg	ttctttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ctttaaacia	aaaatatgtt	atcctacaca	ttagtgctca	tccaatggtt	gtctcttatc	120
tgtctaaata	gcaaaatcat	gaaaatcagc	tgttttat	gcataggaca	actaacctgt	180
ctgtgtaact	ttgtttttat	tttaactctt	actagaaaat	ctaactctta	aacatttgaa	240
ttctaaacat	gtaaaatgtg	acagcctgca	attttgtaga	cagtgaagta	atggctgcta	300
tttataaatg	gaacatctat	caaaataagt	aactgtttat	aaaattcagt	ttttgtaggg	360
ttttccaagg	aaaaatcacc	ttgggtgaat	gtttctcact	catttaaaact	tgcagaagtg	420

```

attcatattc agtactgttt ttaatcactt tttaaaatat aaggaccgaa tgcaaggaaa      480
ccaaagttta ttaataattt ttatataact aaaataaaat agatgtggag ggatctgtga      540
tcataataaa aggganggtt actgaaaaga attttagcaa tatattgggt tcagggaaaa      600
nggagctgtt tttattaaaa tggatccatt ccactggntc cctaattgggt tcctatggta      660
tcctttccaa acccggatta cccttttact tattttttaa aagnagccgg taaaat        716

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<210> 1635

<211> 691

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(691)

<223> n = A,T,C or G

<400> 1635

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accnnaaacc ctttgcact ncttggtctt ttgcaggat cccatcgatt cgaattcggc      60
acgagggttg cttccccggg agagganttt gaggattaaa aatattcaga acaaaacaaa     120
agaacacaaa aatgcaaaca catggtangg aattactact gcttattctc aacagtacca     180
cagaaccagt gtttgagtgc tggcaccata tgcaacatgg ggcacccggg ctggagtgat     240
ccagtttttt agttgggtgt ggcgatgatt tttctttcct tttggtttat aattttctgt     300
tcatttttcc ccttttctcc ccacatttca ttaagaaccc tactgaaacc ctagggtgaca     360
aaaggtgtgc cttctgttgc cacatttgac ccaccacagg actcactgga ctggacttct     420
atttatattg tattaagtaa ctgatataata tatatatata tatatatata ttttttggat     480
tgacacacaaa aaattacctt ggcacaaatg ccagacctgt gaaggtcaga ggcccgtgct     540
ttcttccagg agggagggaa ctttttgggt gctgtggcaa ttctctctgta cagattgtaa     600
ctttttttaa aatttccctt caccctcgtc acttgaatat atgttcatag taatttgtaa     660
gaatacttct ttttcttat tttgggtgca a

```

<210> 1636

<211> 686

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(686)

<223> n = A,T,C or G

<400> 1636

```

tttgaatccn tttacancta cttgttcttt ttgcaggatc ccatcgattc ggcagagttg      60
gccttttgcc cgtggtgtgc tagtancttt ggctgatgct aagctttcct ggtagcgcc      120
ctatttttaa gaagtaattg cttttgaatt aagttatagc attactaatt catgttaatg      180
actaggaaac cctctgtaat ttacaagatt tttcaaattg gtggggagtg aataaataca      240
atttaaaaga gtcagaaatc agtttggcaa agtgactttt cttaatttct atttatgatg      300
aagtatanca taatttatat gtaatactac tttatggtat accagtgaat gaactgtagt      360
ataaaaaaga ggtattaatg ttttatgaaa tctcatgcat cagttcatag cataaaatct      420
agctggacaa ctaagaagct atggtagcaa acagtgatgt tgatggaatg agaatcatga      480
actttcatac tacctcaaag gattttttta tcagtttttt tcacacatca gaaaaaactg      540
actgtataaa cacttatcac tgaccttttt ctatgtgnag ttttgccttt tatcttttcc      600
caaattttat aaagagaaat taatnaatat tttattacac attgtaaaaa aaaaaaaaaa      660
aaaaactcga gcctntagaa ctatan

```

<210> 1637

<211> 710

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 1637  
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 caaggtgcag tagctcacgc ctgtaatccc agcactttgg gaggccgaga cagggaggat 120  
 tgcttttagac caggagtcca ggaccagcct ggccaacaca gtgaggccct gtctacaaa 180  
 aattaaaata atcacttaaa aaaatcaa atctttgaaa aagtttagac ttgtaaaata 240  
 taatatgggg aaaatggaca tggtagaat ganaaactac aaaataaaac acagacagac 300  
 agacctgtga ttggtaaata tttgatagg tccagaaaaa cttatggatg aatcaaatca 360  
 taattgtata atttgcttac aaaagaactg atccagatca aaataatttc aggagactaa 420  
 agtgaaaatg gaaacatttg gaantctgtt aaacaactgg cttaatgaac ttgtctctag 480  
 aaaataccct ctcaatgaaa atgaactttg ctatggtata tttttctttt aaatagtgtg 540  
 agtcatgaac atggagtcaa aatgctctct gggctatcaa tttttctctt taaaacaagg 600  
 cttttggctt gcattccac aaggcttcta aataccgtaa ntattttccn ttatttttcc 660  
 cagaatcaaa antattttnc caaatccctt ttggggantt tcttctttcc 710

<210> 1638  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 1638  
 ttcanatcag ctcttgttct ttttgcagga tccctcgatt cgaattcggc acgagtga 60  
 ttcagctaac cgagcagcta cgggtccctca tccccaacga gggatgtgag aaagtcatg 120  
 tctcatgtta tctggacctt gaaaatggaa tgttcagaac acatgtgcaa gggagctgtg 180  
 ccaagctcat gtgcgaaca ggcctcctga tgaagcttct cagcgagcag caggaagcaa 240  
 aggcattgaa tgtagaatgg gatacggacc acaaaaaaac aaattatatt aatgagaaca 300  
 tggaacagaa tgaacagaaa gagcagaagt caagtgaagt catgaaagaa gttccaggat 360  
 atgactataa gaacaaactc atcttcgcaa tatctgtgac tgtcatacta ataattttga 420  
 ttataatttt ttgttttata gaggtaaaga caataattaa ttcagggtttt caaaatacaa 480  
 tcctgtgttt gtgtggattc agaatccaca aactgaaaac caacgtcact ttccacttg 540  
 acattcttct tctgtcattt aaaggetgan gtgtgctttg ttcttttact gcaatgtata 600  
 ttccaggatt ggtaaaggat cctcgcttnc aggaggtctc tgtgaaataa aaccaagtt 660  
 aatcccaaaa aaaaaaaaaa aaaat 685

<210> 1639  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<400> 1639  
 ttcgatcagc tcttgttctt tttgcaggat cccatcgatt cggaaagatt ctcaaggaag 60  
 aagtaataag gcattacatc tgaagagtga tgcgtgaattt aaaaagatat ttggccttac 120  
 taaggatttg agagtgtgcc ttactcgaat tccctgccatt tgacctctgg agaaggtttc 180  
 gattccttta gcagtttggt aaagagtggg acttacaaag agacagagtt tatggtgaag 240

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gaaggagaga gaaaacagca gaattttgat aagaaaagaa aagcaaaaac taataagaag      300
atggatcaca taaagaagag aaaaacagag aatgcttata acgcaatcat aaatggggaa      360
gctaattgtca ccggttccca actcctaagc agtattttac caacttcaga tgtgtcacaa      420
cataacattc tcacgagtca cagcaaaacc agacaagaaa agagaactga gatggaatac      480
tatacccatg agaagcaaga gaaaggcctt tgaattcaaa tgcagcttat gaacaaagtc      540
atttcttcaa taaaaattat accgaagata ttttcccagt gacaccaccc ggagtttagaa      600
gaaaccattc gagatgaaaa aataagaaga ctttaagcag gtgctgagag agaaagaagc      660
agctcttgaa gaaatgcctt aga                                     683

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<210> 1640

<211> 689

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 1640

```

ttcanatata agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga      60
gaagaatttg gtataatcat gaaagccctg tggacaggac agtatagata tatcagtcca      120
aagggacttt aaaatcccat tggggaagat caatgaccaa gtttgcagga tacagtcagc      180
aagattcaca agaattgctt ctgttcctaa tggatgggtc tccatgaaga tctaaataaa      240
gctgataatc ggaagagata taaagaagaa aataatgatc atctcgatga ctttaaagct      300
gcagaacatg cctggcagaa acacaagcag ctcaatgagt ctattattgt tgcacttttt      360
cagggctcaat tcaaactctac agtacagtgc ctcacatgac acaaaaagtc taggacattt      420
gagggccttca tgtatttgtc tctccactag catccacaag taaatgtaca ttacaggatt      480
gccttagatt attttccaaa gaagaaaact cacagataac aacagatttt actgcagtca      540
ttgcagagct cgacgggatt ctctaaaaaa gatagaaatc tggaaagttac cacctgtgct      600
tttagtgcac ctgaaacggt ttttctacga tggcaggtgg gaaacaaaaa attacagaca      660
tctgtggact tncctgtaag aaaatcttg                                     689

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<210> 1641

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(683)

<223> n = A,T,C or G

<400> 1641

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ttcananaca agctacttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg      60
tttcttgtaa gtactctggg agtgcataat acatttttaa taagattaaa aattatgttt      120
tattcttact agcatcactg tcagataatt gagccgtgag agcattcagt gctgtgtgct      180
tggtaccgaa gtagtaacat caattcagtg ttcagtacat ccactttgtt ccagaacaat      240
gtattcaagg tcggtgtatt ttggctgtgc cacagagttc tggaaattcc caagagaata      300
agttttcacc tgttatataa tccagcacia gtgactgtgt agcagcaacc tcatgtttca      360
tgatgacttt aaaatgcaat tgattctaaa atttagcttt taaaaatttc gacttcagat      420
tttctctgaa ggtttaaggt aggcttctcc tttattaatt tttttcaaga aatatttaag      480
aacactgctc tgtgttatgt accattctaa gcactttaca gatactaatt catttaatcc      540
tcagccctgn taggtaagta ctgctattcc ccccgctcag atgangaaac agcctcagag      600
gagtaaaaaca ggttgetcan gtacacggca gcgggttggg ctactcagtt tcagataatc      660
actgngaaat tttactggtt tga                                     683

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<210> 1642  
 <211> 716  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(716)  
 <223> n = A,T,C or G

<400> 1642

tntcanatac agctcttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggg	60
aacctcacct gtggctcagc tcaccccaca tccgtttctc attacgtgta aataaactgt	120
cagagctgat gttacagctt ttacagttaa aagcattccc ctctgtctta gttccttttt	180
tcttggttac atgttttggg cactttccct cattcaccac cttccagggt ttcatagaaa	240
ataacttggt acaaaatcag ttcaattcta atgtggacat agtggcatgt tcataattag	300
acccatatag gggacactga gctttaaatc gttgattcta aactctatac attaaaaaaa	360
ttcagcccgag gccctcaaaa gcctgagaaa atttaatttg ctcttaattt aatgttccaa	420
aactcactct tggaaaaatg cctgttgga aactacaggt gggtcacatg tgggggctgt	480
ctcctgaca ctcaggattc cagtcagaac ctaatcctca tatctattgc ctacaaaaat	540
agaccaagaa tgttgctgct cttttataat cctttaaata tttaacattc aagttttctt	600
ttgtcttaaa ttcagcctct ttcttaaaag caaaaaaaa gcctcttaga actatagtga	660
gtcgtattac gtagatccag acatgataaa gatacattga tgagtttga caaacc	716

<210> 1643  
 <211> 809  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(809)  
 <223> n = A,T,C or G

<400> 1643

ttgaattccn atacanctac ttgttctttt tgcaggatcc catcgattcg aaaaaataaa	60
agtaaatctt aggcaagcta aagagtgaat tgtatcatca cataggagga agtgggggaa	120
aaaagtgaat tgtaagaaat gaaatgataa gaagaactta gtgggtattc gtttgatttt	180
ggaggcactc taggaaaatt ctgccagatt gtactacatt taaaaaaaat tttttttaac	240
ttttgtgtgc ttcagtttgg tcatagacaa atgaaaaggc acatcacaaa ctaaaaagaa	300
aatcagttcc tatatatgat aaagggttaa tatgttttta tatggagagt tcatataaat	360
caataaacia aacactaata ccctgtacaa ataataagacc tatcaggcat cgtttctgat	420
gccgttctct gatgaaaagg aaccagggtc cctcagagaa atggctgatg cgaggactga	480
gaaaatacac cagtatggta ggtcaaggca ccgttggtc acgcctataa tcccagcact	540
ttggggaaag cccgaangtg gagccgggat ccactttgna nggtccangg gaagtttcca	600
aagaaaaccag gcccttgggn cccaaccatt ggggtaaaaa aaccccccat cttcttactt	660
taaaaaaaat tcccaaagga ttttagcccc caggccgtng gtngggtncc cattaccctt	720
gttaaatccc cagccttact tcaaggaaag gcctttaagg ccaaggaang gaattgggtt	780
tggaaccccc ccaaaaangg ccaaaaangg	809

<210> 1644  
 <211> 1387  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1387)  
 <223> n = A,T,C or G

<400> 1644

ccgctcngca	nnnncttct	ntgacgcgcg	ntntntgnt	gtnnnanncn	ncngtatgtn	60
cnctnnnacc	nnctgcgctn	ntcagcgtct	acganntggn	gntcatatag	gggggngatt	120
nacactgngn	gggtcnttag	nncgttttgg	aaaaaccnt	ctggcagcgn	ccngcgaggt	180
nnancganct	cgctantaag	ngngggcnnt	aannngnnan	tnnngtnagg	ngcagtgnnt	240
nnntnnaggn	naattggnnn	ntantgntgn	ngnaacntna	tangtcnang	ttnantntng	300
ncngatatgg	nnttctgnta	tcgtnnnnnt	cnntannnnan	tnngnnngnt	gtcntgatgn	360
tnnngcntgt	nnnaagannn	ctntntctnt	gtgnntnnnt	gtncctcggn	tgtgtnntt	420
ngccccctaa	tnccngntnn	cannnttctnt	gctgganact	nnncnntccn	tttttgntna	480
tnntccnngt	cngcntgncc	nnnnngnctn	ncgcnnnnna	nttccgnnan	tagcnnagct	540
ntggngctc	tnnnntagn	ngatnnccng	tgctantnca	ncngantntn	nnnnnacgcc	600
gctacgncnc	tnctngatcg	tacnncantg	tgntncnnca	nacnnnacng	ntntnagcnc	660
agnanngtnt	acgctctng	taccnccgan	nntcgangcg	cngtnnagtc	tgggcgtnnn	720
tnngnanatg	atntcggntc	ccacntnntn	ngcgctgca	aagagtgtna	tnncnctnn	780
gcncannngt	gtnacataca	ganacantag	cnggagcgcc	tnatntngn	tctanntacg	840
ctntntgtga	nngatntaca	tctnanntgg	cntgcnaact	nanntnatgn	cgnantntnt	900
ganntnnngt	agangttcag	cnncaaattg	gcacgngcat	ntngnncttc	agtgcgcnn	960
tcgnnantnn	annacacnct	tgntgtant	gtcgtnatcn	ntaaccacnc	tncttactn	1020
ngngntcnn	cggnnnngaa	gnnnatnnnt	ncnnnccgnat	gcgcagatac	gctnggncg	1080
anattgngct	tgtncacgct	cagcacngtt	ntnacagngt	nnntntccn	nctgtcgnc	1140
tgcnccnggn	catnnctgna	gtntgtacgt	acngcgga	tantctnatn	tangctcanc	1200
ntnagcncnn	nctgcnnag	tnntngtnca	tgtaannana	gatnatancg	tnantntntg	1260
nagnngtnnc	gccngnnnga	nnngtacata	ctctgtntnt	nnngatctcc	ncgctncgct	1320
gntctctnecg	ngtnntatna	ncgacgtttn	nacagnnann	tcancntnac	tcccgtntctg	1380
atnnnng						1387

<210> 1645  
 <211> 1492  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1492)  
 <223> n = A,T,C or G

<400> 1645

acgtcnntct	gtccncatta	cncatnnac	acacgtgnan	cctngacggn	cacnctgtgt	60
ctatcnntcn	ganannataa	cnttggtgcn	ntgncggnan	nacgagttcn	nctantgntg	120
cattancacg	agaggntctt	ncatttatnt	nnnggggcac	nccgcgncgt	tttggtaaat	180
ccntatttgt	natggaacga	gtcngctanc	aacatcntga	tnnntagntc	ccgatcanna	240
tgaagcnnta	ngcatcctcn	gaanctnnat	nggtanatnt	tnatntagcn	nnnnnnntgc	300
gnacnctnga	nanatagngg	acnctagnta	gtannntagt	ccatnacnta	tctnntgtnn	360
naaaacctnc	annacctct	ggcntgaaa	natacnntna	nnttnggann	nnncngnncg	420
tgtnancagn	nggntggat	tgtnttgntg	tgngcnctat	ncnctgnggn	ctaaatntna	480
ntntactggn	ntnannnnnt	aagnntcnnn	ctnannncaa	ncnngcnnnt	tgagatntgn	540
acganttagg	ngtnnatcng	nntaggnnta	tcnnntnnna	ntganataan	gcnnntntnt	600
nctcantggn	tcnggcgctg	ctntctctgg	cagngtagtn	ntgcnnacnn	atgngngcnc	660
tnacncacng	cacncnctc	ancngatggn	ctantcacag	naccaacatn	cncantantc	720
tnanantact	nacnactgac	gcnnntgtnt	ctcgccntcn	ngaggananc	nnngacatgt	780
ctcngaacan	tcncnncnt	cacatntctc	ngcncgttca	ctnnntatgc	naagcnnntg	840
accgacntt	ctntctntac	atatcgttng	tnntgtnnat	nacacgcatt	ctntcnccaa	900

```

nctatncncc ntcacnnngt agaganaacn cgattnnnta cttnncgata gcgcgcnnnt 960
atactnntta catanacac tacttnngcg atnatctnaa tacnatacnn tgcggtcagc 1020
cnatntgaac nctcgaaca ctcnngacn tntnnatntn tcanncatgn atnnnanata 1080
cttgtgtgnt nagcacactt annctgagcg tancngctnt atcgnacag cnttcgntnt 1140
acacaganca tacnttgntn tancgtatnn acnctatant gcacntanc nactgatntn 1200
gtatnngnag gtgangntna agnggancnn tnnaanntgn cntancttct cctncngngg 1260
nncgnaacna ncnnctgag agtcnngtnn tgncaacttn tatcnaanna ancncnactn 1320
tacgcctga tcnnnngtct cgcngtntnn ntgtatattg ncgatctaaa tanncnntgt 1380
tgcgnntnta taagacnnct gctctnnatg ctctgnntca ctagnncagt ctcnttcnnt 1440
gnacaganng actgctntan ncntacgctc tegtgtntgn ccctcnncatc cg 1492

```

<210> 1646

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(710)

<223> n = A,T,C or G

<400> 1646

```

ttcanataca nctcttgttc tttttgcagg atcccatcga ttcgaattcg gcacgagggga 60
taccgtatcg acgtggggcc tccggttgct gctaaatggg aaaaacttag cttagtactg 120
atagatgact ttattgaaag tggaaactgaa caagtactcc tactttttaa ggactccttg 180
aactcagact gcctgacttc atttaaaata acggatcttg gaaaaataaa ctattcgagt 240
gaaccatcag attgcaatga agatgactta tttgaagaca aacaagagaa tcgttacctg 300
gtgggtccac ctctagaaac aggactgaaa agcacatgga agatcttttt gcacttcttg 360
cagcattcca taaatcttgt tttcaaata caacaccccg ctatgccctg aattcaatga 420
agggtgtggt cttagaacat atgaaatgtg aaataatcaa agaatttcca gaagtgtact 480
tttgtgaaag accgggaagt ttctatggga cactcttcac ttggaacag agaacaccat 540
tcgaagggat tttaataatc tattccagga atcaaacagt tatgttccag tgccttcata 600
atctcatcag aattcttcct tataaactgt ttcctcaaaa atctaaaatc aggaagtgaag 660
aatttcctaa ttgataatat ggcatttact ttggagaagg actagtcacc 710

```

<210> 1647

<211> 721

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(721)

<223> n = A,T,C or G

<400> 1647

```

ttcnatcagc tcttgttctt ttgtcaggat cccatcgatt cgacctcaaa aaaaatgctg 60
atatcctaaa atattcctag taccctaaaa tattccataa atcagatata ctacaaagcc 120
aaactggtcc ttcttgtaa aattaataag attctataag ctgttaacca aaaaagtctt 180
cactaacact gcatacttaa ctctcctaaa taaatttaaa tatgcaaaat gttattcaaa 240
atcaaaataa taataaacac aaccataaag ctagcaatta agattaaaag gtttatgagt 300
gtctattaaa ggataaatgg ataaagaaaa tgtgatattc gtatacaatg gaatactatt 360
cagctataaa aatgaatgaa atcatgtctt ttgtgtggca cgtggatgga actggaagcc 420
attatcttaa gtgaaacagc tcagaaacag aaagtcaaat atgctggaag atcttctctg 480
attactttaa ttttctaagc caggctcattg gcttagtaag aaaggaagct attaggagtt 540
tgaaaagaga ggagagcata taattgtcta gaaagtggga aagtgaatgg actagagaaa 600

```



```

tacagtatga tcaccangcc agtggttaang ggctcatttg aggctaaagg gtctgagttt    660
aaaagtggan ggccnggtca gcnttggggtt ttgngncttt tttttcttcc agcccccttt    720
n                                                                    721

```

```

<210> 1648
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 1648
tacanctctt gttctttttt caggatccca tcgattcgaa ttcggcacga gcgcgacgca    60
cattgatgga gcgtatgtcc aggcgcgggt gcaccgcaag gagcaaaaca gacacagttc    120
ttggtcctag ggctcacgtc ccggggcgaa gaggatcctc cataaacgat cagccatagc    180
agctgtgatt ggacaagaga ctgatttcag tgactttctc ctgataagag accaccgacc    240
agctgaccat gccgaccagc tgaccggtta atagagagag atgatgcacc tgcattgcctt    300
tgtgtcctga aaagacgttt tgccataaag gccctaattg taagatgtgt aaatgttaag    360
tctccacccc aaagtgaaca tgggtcataat attacatgct ttgctcaata agagggcatg    420
tgtcaggacc accttcata atattcatag ctctnctgtg tacctgttga atatgtatgt    480
ttagccaatc ccttcagcat agcgtctcct gccccaaccc ctctncttg gacgtgcctg    540
tctctggcct tggctggaga cagattccca gcctcagaca gatggccgnc acctttgcag    600
gctacgaacc gtttacaaaa aaataaagcc ttctnttttt tccnnnnnaa annnnnnnnn    660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntntntntnn nn          712

```

```

<210> 1649
<211> 678
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(678)
<223> n = A,T,C or G

```

```

<400> 1649
ttgnaattca natcagctct tgttcttttt gcaggatccc tcgattcgaa ttcggcacga    60
gggacagcac ttagtagctg tggaggaaga tgcagagtca gaagatgaag aggaggagga    120
tgtgaaactc ttaagtatat ctggaaagcg gtctgcccct ggaggtggta gcaaggttcc    180
acagaaaaaa gtaaaacttg ctgctgatga agatgatgac gatgatgatg aagaggatga    240
tgatgaagat gatgatgatg atgattttga tgatgaggaa gctgaagaaa aagcgccagt    300
gaagaaatct atacgagata ctccagccaa aaatgcacaa aagtcaaatc agaattgaaa    360
agactcaaaa ccatcatcaa caccaagatc aaaaggacaa gaatccttca agaaacagga    420
aaaactccta aaacacccaa aaggcctagt tcttgtagaa gacattaagc anaaatgcca    480
gcnagtatag aaaaagcgca ttgacagtcc tgggcctcat gtaaattaag cccaagatg    540
gggagaagga aaaggagaga caaatatagt ccatctgagt gtatcaccat ncagctgagt    600
ttcttttatt natcccttct tgttgcacca tcctttcngt ggaacatntt ggtcctaacc    660
ttntttgntg tnngttca

```

```

<210> 1650
<211> 817
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(817)  
 <223> n = A,T,C or G

<400> 1650

ttgnaatttc anatacanct acttgttctt tttgcaggat cccatcgatt cgcctgatcc	60
tgccaacagc agttcaggcc agccccacat ggagcaagta cctgaggccc agccccttgg	120
ggacttgccc atcctggaag tggaggagat ggagcccccg ccggttatgg agtcctccca	180
gcccgccag gccaccgccc cgcttgactc tgggtgtgag aagcacttcc tgcccacacc	240
tgaggagctg ggccttcttg ggcccccag gccacagggt ctggcctgaa ccacacgtct	300
ggctgggggc tgccagccag gctagaggga tgctcatgca ggttgaccc cagtcttggg	360
ttagccctct tgatggatga agacactgag gactcanaga ggctgagtca cttacctgag	420
gacacccagc caggcagagc tgggattgaa ggaccctat agagaagggc ttggccccc	480
tggggaagac acggatggaa ggtggagcaa aggaaaatac atgaaattga agagtggcaa	540
cttgccctgc aaaaatctgt tccgttgtaa caagaacttg aattttggga cccccaagcc	600
ncaattgggg cttnacgncc ttggtaaatt ccccaaaca ctttttggc cangggcccc	660
aaanggggng gggaaagggg aatcaacntt taanaaggcc ttttggngaa gtttttggg	720
aaaaaaacaa gcccttggg gggccaaatt ntttnccca agggaaaccc ccttttaaat	780
tttccaaaaa aaatttaaaa aaccnntttt caaaaana	817

<210> 1651  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 1651

gaaattcana tacanctatt gttctttttg caggatocca tggattcgaa ttcggcacga	60
ggtgactcca agccccgctc ctgcagcgag agggccctga cgctcttcca caccgttcag	120
tcaacagaga aacaggaaca aaggaacagc atcatcaact ccagtttggg atctgtctca	180
tcaaatccaa acagcatcct taattccagc agcagcttac agcccaacat gaactccagt	240
gaccagagac tggtgtgtgt caaacccacc cggcccaact cactcccccc gaatccaagc	300
ccaacttcac cctctctgcc atcttgccc atgttctcgg cgccatccag ccttatgccc	360
acctcatcca cgtccagcga ctcatcccc gtcagggtctg ttgcagggtt tgtttggttt	420
tctgttgctg ccgttgttct ctcatggct cggctctctc ttcattgcagt gttcagcctc	480
ctcgtcaact ttgttccctg ccattccaaac ctgcacttgc tttttgacag gccagaagaa	540
gcggtacatg aagactccac acaccgttcc ggaaggcaaa agccttgtat gcctgcaaag	600
cttgaacatg actcaaaact ttctgttcaca gcaggcacgg tcttcgataa tgcagaagt	660
gtccttcagc ttncacagc catttttnac tggcacaccg gaantctccg gggcacct	718

<210> 1652  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(709)  
 <223> n = A,T,C or G

<400> 1652

canatacagc	tcttgttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagtcaggc	60
tgaggaggac	ttcagttngc	atgggtgggg	agaaccagta	ccacataccc	agtaggtaat	120
aagggtgcc	gcagaggatg	aaggtcagca	agataagcag	ggccagtctc	agggcccggg	180
gacgaacacg	gggacaattg	tcaaaggagc	gggggagggc	aaattnacca	gcaggggcta	240
ggaatttaga	aaatatactg	taattcagac	actcagcttc	tgatctgagt	atagggtgaa	300
ttgatggagg	ggcatagcta	gtgagacaga	gctcgctccc	tacaaggagg	agaatgttgc	360
aaaccgtttt	ccccttccca	acctgggact	atatgatttc	ttacccccag	ggattatgat	420
agaaatatga	agccaccaag	tctagacttg	atgggtgttc	agaataaata	atactgattg	480
cctccctagt	ccttgtccag	ctaactcagc	tgtttataat	tgaagggtat	caacaaaatt	540
atctctagca	tcagggtgcta	gacatgggta	gaatctcacc	atgggtttant	gactggtaga	600
tagctattan	gtanggtagg	ataaaataaa	tgatgctaga	ggcaacagggt	ctanggttaa	660
ggattaaggc	cttggaatt	gggaatctca	ccatggctcc	ccttccttg		709

&lt;210&gt; 1653

&lt;211&gt; 1595

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1595)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1653

gntttaaaaa	ggaaaaangg	atgannagga	nggttantnt	ncgatnggan	gnnntnacgn	60
anaattcggg	cnttgtcnng	atancgnnnc	ntntcgtntg	tcacnnnnntn	atatgatntc	120
tngcgcntgt	gaggggtctc	nagcntgcgn	accnnntggt	actgaganng	agancncnca	180
ntagaagagt	acgccnatat	ctggnggacg	gntnccagct	gncnnntttt	ggnaaaangc	240
ccttcagtgc	caanagcntn	ttcnatcntn	atatnctac	nctcagannn	atngncccta	300
nanagnnann	nncatnntgg	anatgcnnntn	ggncatatnt	gntnntnaga	gnanncagtt	360
ngnngncnnn	nntggangat	nngnttgann	tnatnatcag	cntnnacctn	tntnnccgt	420
gngaatatnc	tngntncngn	gnttnagggg	ttgcngtncg	gnttgencag	gantnttgann	480
nnntnecgtnc	ncnnntcnnn	nangtnctng	ncngnntagt	gacngantna	angaggtcnt	540
nngnntcnnt	ntnngnnngn	tnnnagnata	nngcgacga	nnnnctgtng	nngnnnnncnc	600
ntnnntcanc	tnncnaaacc	ntanactgga	tangtantnn	cgnannnnntn	cntntgtata	660
tntntcncng	tatnttcgcc	ncacatntga	gctatnatna	tagatcnnnn	atcgcanngn	720
ncatatgnac	gnatnggagt	cngcagctgc	acanggagga	cacnggtgnt	nanagtgnata	780
tatnagagca	natgnnacnc	nnngannctc	acgnaatann	atgtggcacn	gtagattcat	840
gctanagagc	ncgngngcng	nacagcntnn	atgatannag	nttgtnagcg	atcnatnnan	900
ttngatncac	annnnctnnn	tcgttntnnn	ncncagttnc	acgcgtgagc	anagtagagn	960
acnttgnann	ncgaatgnnt	nctgtatcgc	acgnncttgc	gtacacantn	tnnanacgng	1020
cnattatntg	cgnnccncgc	tgencgcgct	nacnnctnan	atcgcntttg	acgcnnaagta	1080
tgattgnatg	gcgntgcncg	tgnnanncgn	atnntggagc	natntgtgnc	gttntnecgn	1140
cannnncgnt	ctntggnttt	agaganacgt	gtntcactgn	ntagnagagg	ncgnttgna	1200
cggtnacagt	ntctnggata	gantgaanga	gtagatgcan	cnganaaggg	tgtnctagt	1260
ncacgcgnnt	nacntcnntt	gtngaagac	ntcatctnga	tatggcncgg	ngccgatatg	1320
actnactcgc	tacangtgte	tngatttneg	nntgacgagn	ntcgcgngag	cntactcant	1380
gnctntatgg	ngcgnnecgna	tatnnctatn	nnttgntagt	cngtccatca	ntntncaanc	1440
gattatgcgn	cacgntnncc	gcattacgat	gatgaccnna	cgatagggnat	ngctctnngt	1500
ctnatncac	antnanganc	tattnnatna	gaancatggn	aannnttggt	actatcgnat	1560
angtctnnan	ctatnaaggt	tatcgaacac	nagcg			1595

&lt;210&gt; 1654

&lt;211&gt; 776

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(776)  
 <223> n = A,T,C or G

<400> 1654  
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 caccaacttg aaaccagcaa ccatcaaggt ctatgactac tacctaccag atgaacaggc 120  
 aacaattcag tattctgatc cctgtgaatg aggataggag ctggaaactc aattagtcct 180  
 ctgtgacatt actggagggt ggaacattct tctgtcgctt gaagcagaac tcattcaatc 240  
 aaataattta atttctctga ctagtatatg ggtaacaaat gaatatgtct gaacctcagc 300  
 tataatactt tctactacct ttgcaaggag atgggatagg aacaatcact cagaggaggc 360  
 gttgcatgga cagggtcatt agggggaaga aaggnggggt aactgggtta tttaaccatt 420  
 cagggggctc tncaaanang anaccgtggt aganggtgac tanaaaagat aagaatgtct 480  
 ttcttagggc cgggtgccgg tngctcacc ctggtaatc ccancacttt tgggaattgc 540  
 naagggtggg ccggaatcan ttganggtc aagggagttt caaaaanaacc aagccttgcc 600  
 caaacaattg ggaaaaaacc cccgtctttt ttcttaaccc aatttccaaa aaaattttnc 660  
 cccttggtgg ttgggtnggc aaccggggcc ctnttaattc ccaaccccc tttgggaaan 720  
 gggccnaagg caagggaaaa aatccnctt tnaacattg gaagggtgga aggggt 776

<210> 1655  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 1655  
 gnnnnttnnt ttgattgntc tngctcttgt tctttntgca ggatcccatc gattcgaatt 60  
 cggcacgagg tcaccaactt gaaaccagca accatcaagg tctatgacta ctacctacca 120  
 gatgaacagg caacaattca gtattctgat ccctgtgaat gaggatagga gctggaaact 180  
 caattagtcc tctgtgacat tactggaggg tggaaacttc ttctgtcgct tgaagcagaa 240  
 ctcatcatt caaataattt aatttctctg actagtatat gggtaaacaaa tgaatatgtc 300  
 tgaacctcag ctataatact ttctactacc ttgcaagga gatgggatag gaacaatcac 360  
 tcagaggagg cggtgcatgg acagggtcat agggggaaga aagggtggtt agctgtttta 420  
 tttagccatt cagggggctc tccagagagg agacggtggt agagggtgaa ctagagaaga 480  
 taagaatgtc ttcttaggcc ggatgcggtg gctcacgct gtaatcccag cactttggga 540  
 ttgagagggt ggcggatcac ttgaggtcag gatttcaaga ccagcctggc caacatggta 600  
 aaaccctct ctactaacia taaaaaatt agcctggtgt ggtggcacgg gcctgtaatc 660  
 gcaacccctt ggaaggccaa ggcaggagaa tcgcctnaac actggagggt gangttgcag 720  
 tgaacctgag aatgngccac tgnacttcan cctgggcaat gg 762

<210> 1656  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(703)  
 <223> n = A,T,C or G

<400> 1656

ttcanataca	nctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgaggt	60
tggcttcccc	gggagaggag	tatgaggatt	aaaaatattc	agaaacaaac	aaaagaacac	120
aaaaatgcaa	acacatggta	gggaattact	actgcttatt	ctcaacagta	ccacagaacc	180
agtgtttgag	tgctggcacc	atatgcaaca	tggggcatcc	gggctggagt	gatccagttt	240
tttagttggt	ggtggcgatg	atttttcttt	ccttttggtt	tataattttc	tgttcatttt	300
tccccctttc	tccccacat	tcattaagaa	ccctactgaa	accctagggtg	acaaaagggtg	360
tgctttctgt	tgccacattt	gaccaccac	aggactcact	ggactggact	tctatttata	420
ttgtattaag	taactgatat	atatatata	atatatata	atatattttt	gattgacacc	480
aaaaaattac	cttggcacia	atgccagacc	tgtgaagggtc	agaggcccg	tgcttctccc	540
aggaggagg	gaactttttg	gntgtctgtg	gcaattcttc	tgtacagatt	gtaacttttt	600
aaaaatttcc	cttcaccccg	tcacttgaat	atatgttcat	agtaaatttg	taaganactt	660
cttttcctta	ttttggtgca	agaaccttcc	gacacattct	gtt		703

&lt;210&gt; 1657

&lt;211&gt; 858

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (858)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1657

atncanatac	aactacttgt	tctttttgca	ggnatcccat	cgattcggct	cagtgtctggc	60
atgttgacct	ggtgttgtca	gtgagtctgt	ggatccaggg	tcagtgtctg	tatgttttagc	120
tgacattggc	agtgagtcca	tggatccagg	ctcagtgtctg	gtatgttgac	ctgggtgttgt	180
cagtgtgtct	gtggatccag	gctcagtgtc	ggtatgttga	cctagcattg	gcactgagtc	240
tggtgattca	ggctcagttg	ctggatgtgt	gacctgacat	tagcagtgtg	tctgtggatc	300
caggctcagt	ttcacagagg	ttgtataaaa	catggtctca	ggtgggttct	tgacacctgg	360
gtttcaagca	caaaagtact	ggctgggctt	gttaggtgaa	gtgggggtggg	gtctaccacn	420
atgaatnnca	taattctgaa	ggctttgcca	anccctnggg	gaaaggtggg	gttcaaaaaca	480
caaggttgaa	naaccttttc	cgntgggtta	gggggtccaag	ancaccaa	taagggtgaa	540
nttaagtgg	tgnggccttc	tttattattc	naaagggggn	aaaaggcccn	gtaattncaa	600
tttgggtaaa	gggtgggttt	nggtcaaccc	ntggggggn	tcttgccct	tggggttgg	660
atngtctctt	naagggggaa	aacccccctt	anaaagggaat	tccangcctt	nngggggnacc	720
aaggggtaaa	tccttngttc	cctcaagnca	accncccttg	gttccnagg	tctntngant	780
aagaaccang	aaacttccag	gggttnaaat	aacaaaaagg	gggcttntaa	nggaatcttg	840
gttnaaccct	aagncct					858

&lt;210&gt; 1658

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1658

ttgaatcccn	natacaagct	cttgttcttt	ttgcaggatc	cctcgattcg	caccactctt	60
gtgcagtcac	cctaaatata	ggttcagagc	atctcctgtg	aatgacatat	tttgtcaatc	120
actgccagga	tctccattta	agccctcac	cctgaggcag	ctggagcagc	aggaagaaat	180
actaaggggtg	ccttttagga	gaaataaaga	gggtgtcggt	tgggtggaat	atgaattctg	240
ctatggcaaa	catgtacatc	aataccatga	ggacaaggat	agtgggaaaa	cctctgtggt	300

tgctgggaca	tggaaccaag	aagagcatat	tgaatgggct	aagaagaata	ctgctagagc	360
ttatcatctt	caagacgatg	gtacccagac	agtcaggatg	gtgtcacatt	tttatggaaa	420
tgagatatt	tgtgatataa	ctgacaaacc	aagacagggt	actgtaaaac	taaagtgcaa	480
agaatcagat	tcacctcatg	ctgggtactgt	atatatgcta	gagcctcact	cctgtcaata	540
tattcttggg	gttgaatctc	cagtgatctg	taaaatctta	gactnagcca	gattgaaaat	600
gggctttctt	tctcttcccc	aactaaaagg	atattaaagt	tagggggaaa	gaaaaaanca	660
tttgaagtca	tgattaatth	ctgtccctac	gngtctcatn	ataa		704

&lt;210&gt; 1659

&lt;211&gt; 700

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(700)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1659

ttgnantccc	natacaagct	acttgttctt	tttgcaggat	cccatcgatt	cgcagaaatc	60
agcatgcatg	aattaatcga	aatacaatgc	atattaaaca	atgcaattac	tatagtctaa	120
atcaccaaac	tgataaccca	tacaaaagta	gctcttaca	ctttttttga	gaatatttcc	180
cctaaaaaat	tccagtgtac	atccccacct	acaaaactag	attattttac	tagtatcatc	240
ttctctttac	ccctcttctc	cccaccaaca	ctccctccaa	cacacacaca	cttctcctta	300
agagaaacgg	cttctcctca	aaattatctg	atgggttcagt	agcagttgga	gttttacaca	360
aactatgttg	tgattgggca	aggcagacta	ccagatctgg	gattcagtag	accattcctt	420
actgtcagat	tatcttctaa	gtgactgtct	ttagagaaac	aacacagatt	tgctcaaga	480
gattacaaat	gtggtaggcc	taccttaaca	gcaactagtt	ttttttaaga	aacacggctc	540
cactgtcgcc	caggcaggaa	cacaatggca	tgattatgct	caactgcact	caaaactncta	600
agttcaagtg	atccttctgc	ctcagctnct	ggaatagctc	aaactatagg	catatgccac	660
catacccaag	ctaggttttt	cggttttttg	gtttttttaa			700

&lt;210&gt; 1660

&lt;211&gt; 697

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(697)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1660

gaattcanat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
agaaaagaaa	acgagaccaa	gtaataaagc	agaaggaaga	agaagcacag	aagaagaaat	120
ctgacttgga	aatagagcta	ttaaaacggc	agcagaagtt	ggagcagctt	gaacttgaga	180
agcagaaatt	gcaagaagag	caagaaaatg	cccccgagtt	tgtgaagggtg	aaaggcaatc	240
tcaggagaaac	aggccaagaa	gtcgcccaag	cccaggagtc	ctaggctgag	gctgcaccaa	300
gacctcgtgt	gtcacccac	agagctgtct	gtgggtgcct	tctcaatctc	agggcaaaag	360
cccttgagga	atattccagc	cagcagagaa	ttttgacttg	cagtaggatt	tggtttgatt	420
ttcctacgat	ctgggtggat	gccttgccctg	tgacagttgc	agttcctatt	cgccaaatga	480
agggcagtg	cccgcacgta	agttggaatg	atggacctgt	gttcagagac	ttaacagacc	540
aacaagcaaa	acaagtgaga	acaggaaaaa	ggaagangac	actggaatca	attcttgaga	600
gttgcaactac	ttggtttttc	ttccattcca	agtttcgtgg	gacccaganc	cttttttctt	660
ttaaaagcta	aaaaaacaag	tgtttaattc	ctctttt			697

<210> 1661  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)  
 <223> n = A,T,C or G

<400> 1661  
 ttgantncat atacaagcta cttgttcttt ttgcaggatc ccatcgatc gaattcggca 60  
 cgaggcacc agccggcttc atctcttctt gaaatcactt ttataccatt ctatgtggtt 120  
 ctccaccatga gcttgagtgg tgggctaaag tgcctctccc tgctttcagc ttctgctgg 180  
 gaactcactc tctcaagtcc cttccagcac caccatag agttcccatc actccacact 240  
 gtccagtgc aactcccaac atggaagatc tgctagtctt acaggggtgt ctctggctgc 300  
 cccagtaaca tgtgttttta aatttttcac atgcatgttt gaccccgact ccccgagtc 360  
 aggtactgta actagcagtgc tcatttaaga aaaagccctt taacctctct ttgcaaagg 420  
 attcttatca gcaaacacagt gatgaaacaa caatcccata acagctagct ggctaccttc 480  
 tcaagcactt attaaatgag gcataatgat tttgcttaat cctcaatcct gagagggtgg 540  
 cgatccctgt ggtgatgagg aaaccgaggc ttgggggtta atggcttgcc tagattcaca 600  
 ctgctagcca aggaatgaac tgggaattta caccctgacc ctgactgctt ttcacatttt 660  
 ctacacagcc ttttcaagat cctgcccaatt ctaaaaaa 698

<210> 1662  
 <211> 705  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 1662  
 ttcanatata agctacttgt tctttttgca gggatcccat cgattcgaat tcggcacgag 60  
 ccgactagta acataaatca tagcttccaa agtatattgtt tacagaatac cacagtgact 120  
 aattaccaga cttttcttat tctctctgag caaaggaacc tcatgggaga aaaaaaatat 180  
 aggtcatttt taatgtaagg gagttgctag gattggagggt taagacaact atttaaactt 240  
 cataaaagga aaaacaaaag acctcaaaaa gtattttcta aaatagagaa aggtgcaaatt 300  
 cttcttatca gaaacgcatt ataaatagaa aagaaactct taaaagagat tcttcaaattg 360  
 tgacaaaaag ctcttggttt cctgaaaatg tcaaaaacaa aaacaaatat tgacaatact 420  
 aaatatccaa cagacaggggt aagaacttca cttagaagca aatttccatt taggtaattt 480  
 atgggtgcttc tgtgcaaaaa gttgctttac actgtgtagt cgctgaagac actccagaat 540  
 tgctagacct tcacaggaaa aattttaaag gtcaggggtt ttttttctt tcccttagtt 600  
 agcacagcca ctcanggggc agccagttct ctaacgtctg agtaaaaccc ctacacangg 660  
 gcttcatttc cagtgccac gtcattggct tttgcagact atctt 705

<210> 1663  
 <211> 698  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(698)

<223> n = A,T,C or G

<400> 1663

attcanatac aagctacttg ttctttttgc aggatcccat cgattcgaat tcggcagcag	60
atttcccttt gccctgccac ttccaccata gggccttctt acctggcaga ggagtgcctt	120
agataccaga agattggcag ggaagaaggg cagccacttc ctggttacca tggagaagct	180
tgatcatgtc caagcctgtg ctacttgtc cagtagcaac aatgggaaac tgtattattt	240
ggggtagggg tagaaccctg agggcataaa gctaagaatt ccaggctgca tctggcagaa	300
tcggtttggc aggggttcag ctgctccctg ggaggccttg gcatagccag gctgctccag	360
cactgtgagc tgggagtctc ctcttgacaga agatgggtgt gaacctgaca cgcagcaaca	420
aggagacggg gaagcacagc gacgtcctgt ttctggctgt gaagccacat atcatcccct	480
tcactcctggg tgagattggg gccgacgtgc aagccagaca catcgtggtc tctgtgtcng	540
ctggtgtcac catcagctct gtggaagaag aagcttgatg gcattccagc cagcccccaa	600
agtgattcgc ttgcattgac caacacacct gtnggtagtg caaggaaggc gcttcagtgt	660
acccacacggg caccatgcc ctggtgggan gatgggcn	698

<210> 1664

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 1664

ttgaaatnca nanacaagct acttgttctt ttgacaggga tcccatcgat tcgaattcgg	60
cacgagcttg tgttttctta actccccag taatagacct aactgatttt gttttgagaa	120
gttcggtatt agcttaagtt ttgttcgtt tatagaatat caaaatggta tcaaaactgt	180
ttaaaaggtc aatgtacatc ttagcagag ctttttactc ttttcttctt cttctttctc	240
tttgtgtata tacattgttt atagtgtat tcagtataca tgaaattttg tgtctttttt	300
actcctctct gtataaactt tctgtgtgc aacaatgtaa attacattca ggttggttcc	360
agtttttttt ttactctgct gtagcgaaca aaaaaacaaa aattagccag gcgttatgcc	420
atgtgcctgt taatcccagg tacttgggag gctgaggcgg gtggatcatg aggtcaggag	480
acaagaccat tctggctaac acnggtgaaa ccccgctctc actnaaaaat acaaaaacca	540
aaatttttagc cgggntatg ggtggggggg gccaccttnt tagnccecca ncttacctca	600
aggaanggct tgaagggccg gggaanaaat ggggcattga aacccccggg gaccgttggg	660
aanccttggc caaatggaag cccgaanaaa tccgcgnccc acntggcacc ttcccaagcc	720
ctggaaccga acaggaaatg gaaaacctgg cantctttca	760

<210> 1665

<211> 689

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(689)

<223> n = A,T,C or G

<400> 1665

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gttcaactggc acacaatcac agtgtcttga tagtttttct ggttttgaat ttctggaagg	120
gaaatcctcc ttctgaggag acttcacttt ccgtcagtaa tggggaaaac tgtttccctc	180
gggatagcag aggtcatttt aaaagagaac actcagcaga aatgaaaatc caaacaactg	240



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atttttaatt cgtgtctctt tgttcagtga tgttggctct gattctgcct atgagacggg 300
aataaaagaga gatttcggga aaagtgtgaa gccaaacatg ggtgctatct aaataaccacc 360
ctcataatctt gaaaaactta cctactgggg actgtgctca ctacctgggt gacaggatca 420
tacgtacccc aaacctcaac atcacacagt atactcagct aacaaacctg cccatgtggt 480
tcctgaatctt aaaataaaaa tcgaataaat ttttttaaaa aagaaaaaga caatagtatt 540
acccatggga caaaatttgt actattagca agaatacttt tgtgtctcat ttagaatacaa 600
tttggaacttt tgttccagt tttaaacttt gacaaaaatg gttttgaata gatctttata 660
acctggatgc cataaatacc aagattctc 689

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<210> 1666
<211> 686
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1) ... (686)
<223> n = A,T,C or G

```

```

<400> 1666
tacnatacan ctacttggtc tttttgcagg atcccatcga ttcgaattcg gcacgagtat 60
aagattactt tcatgttgga tagtgctgct atgataacag tacatactcc aaggagagga 120
ttaatagacg taaagcctct tgggtgtata tggggaaagt tttcggagtt ttacagcaag 180
aaaaacacca ttatgtttga tgacataggg agaaattttc taatgaaccc acagaatgga 240
ctaaagataa ggcccttttat gaaagcgcac ctaaatcgtg ataaagacaa agaactttta 300
aaattaactc agtacctcaa ggagatagca aaattagatg acttttttga tctaaatcac 360
aaatattggg aaagatatct ctcaaagaag caaggacagt agttacaagt tatactggca 420
gttattgaag atacttaaga tccaagaact tcttgctttt atgctagaaa tcattatgat 480
agtgtcggac actgaagcaa ataccatact gcttatactt ggtcttccag ttttttgtaa 540
atttaatttt atattttttg aagatgatag caatatgcta aaaaatgctt gtccccata 600
tgaatattct gttacgcttg gaaaaatatt ttctncagcg ttgggttact gaccacccca 660
ccttccacca cacacacaca cacact 686

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```

<210> 1667
<211> 684
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (684)
<223> n = A,T,C or G

```

```

<400> 1667
canatacaac tacttggtct ttttgcagga tcccatcgat tcgaattcgg cacgaggcac 60
tgtcatgtct ctacttggtg aatacacatt gaacaactgg ttggcaacgg taacgttggg 120
ccaggcgggc atgcacgcaa catactacca caaagccagt gaccagctgc aggtgggtgt 180
ggagtgtgag gccagcacia ggatgcagga caccagcgtc tccttcgggt accagctgga 240
cctgcccagg gccaacctcc tcttcaaagg ctctgtggat agcaactgga tcgtgggtgc 300
cacgctggag aagaagctcc caccctgcc cctgacactg gcccttgggg ccttcttgaa 360
tcaccgcaag aacaagtctt agtgtggctt tggcctcacc atcggtgag ccctcctggc 420
ccccgccttc cacgcccttc cgattccacc tccacctoca cctccccctg ccacagaggg 480
gagacctgag ccccccctcc ttccctcccc ccttgggggt cgggggggga cattggaaaag 540
gagggacccc gccaccccag cagctgagga ggggattctg gaactgaatg gcgcttcggg 600
attctgagta gcagggggca gcatgcccac gggcctgggg tccccgggag ggattccgga 660
attgaggggc acgcaggaat ctgg 684

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<210> 1668  
 <211> 696  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(696)  
 <223> n = A,T,C or G

<400> 1668  
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 caactcagga ggctgaggaa ggagaatcac ttgaaccgag gaggtggagg ttgcagtgcag 120  
 ccgagatcgc cccactgtac tccagcctgg gtgacagagc aagactctgt ctcaaaaaaa 180  
 aaaaaaatgc cactggagag ctttgaggag aggatcagtc tggctactgg gttgggaatt 240  
 aatcatagca ggcaaaggca aaagaagtga ggttagttag gaggctttac aacaaccag 300  
 atgagagatg ggaggtttta gccagggaga tggagatggt gagagagtag ctggactcag 360  
 gattgtgaca gtggactgaa ggaaaagcag gttttggggg aagattgcat ttctcccttc 420  
 aacttcagtt acgtagatca cccatatgcc acacaactgc aactctgtaa cagccaattt 480  
 tttagcttctt ccttatctaa gccatcctgt aggccatagg aattaaaact aggttggatc 540  
 aaggaaaagt gaatgctaga tccatacaaa actatttggg tatttgccct tgtattttat 600  
 tggttttgaa attatttttt aatgggttca ataaaactct tactngaact tncaaaaaaa 660  
 aaaaaaaaaa aaaaaaaact tcgagcctnt tananc 696

<210> 1669  
 <211> 856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(856)  
 <223> n = A,T,C or G

<400> 1669  
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 tgtgaacctg ggcactccgc gccgatgcca ccggcctgtg ggtctctgaa gggacccccc 120  
 ccaatcggac tgccaaattc tccggtttgc cccgggatat tatagaaaat tatttgtatg 180  
 aataatgaaa ataaacacac cctcgtggca nanaaaanan nnnnnnnnnn nnnnnnnnnn 240  
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn cctcgccctt taaaactata gngagtcntn 300  
 ttacgtaaat ccaaacatga taanatncat tgatgagttt ggacaaacca caactagaat 360  
 gcagngaaaa aaatgcttta tttggnaaat ttgggagcta ttgctttatt tgnaaccatt 420  
 ataagntgca ataaacaagt taacaacaac aattgcnttc attttatggt tcaggttcag 480  
 ggggaggtgt ggaaggtttt tnaattcgng gccgcggcnc caatgcattg ggcccgtgnc 540  
 ccactttttt ttccctttta tgagggttaa tttgcncccc ttgggcgnaa tcatgggnca 600  
 taactgtttc ctggggngaa aatttgttnt tccctttcan aatttcccc aaaaaanaat 660  
 accnaaaccg ggggaaacct tnaaaagtgg taaaaanccc tggggggggg ncccttaaat 720  
 ggagngggaa ncctnaacct cnacaattta aatttggggg tttgggccct tnaaattggn 780  
 ccccgttttt tccnanancn ggggaaaaaa cccttttttn gggnccecaa ntttggannt 840  
 tnaaaannaa atccgn 856

<210> 1670  
 <211> 802  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(802)  
 <223> n = A,T,C or G

<400> 1670  
 gcnttttgaat ncatatacaa gctacttggt ctttttgcag gatcccatc ngattcgtct 60  
 tggcccatgt ggtgaaact tctgctttaa ctaaaattgc aaaaattanc cgggtgtggt 120  
 ggcacatgac tgtatccac tactcaggag actgagcagg agaactactc aacctgggag 180  
 gtggaggttg tagtgagctg agatcgggcc attgcactcc agcctagcta cagagcgaaa 240  
 gtgtctcaaa aaataaatac ataaatagag acggggtctt actgtgttgc ccagactggt 300  
 ctcaaatttc tggactcaaa gtagtcctct aacctcgtcc tcccaaagta ctgggattac 360  
 agtcatgggc cactgcaccc ggcctatatt cactgtagtt atttaaaaat ataagccggg 420  
 catggtgtct cagcctgta atcccagcac ttggggaggc caangcgggc aaatcacctg 480  
 aggtcgggag ttgtanacca gcctggccaa catggtgcaa ccccgctctt taccaaaaaa 540  
 tacaaaaaat taccagccg tgggtggcgtg cncctgtaat tccaagcttc cccaagaagg 600  
 cttgangcag gaaaaatcgc ttggaacccc ggtgggcaaa aagcttgcn nttancccaa 660  
 naattacgcc ccacttgac ttccaancct taaggtggac aanaancaan gaactnnttt 720  
 tcaaaaaaaa aaaaaaaaaa aaaaaactnc gnngccctt taaaaattat tngggnagg 780  
 nngnattnac cttanattcc cg 802

<210> 1671  
 <211> 988  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(988)  
 <223> n = A,T,C or G

<400> 1671  
 tttgnannnn nnaggnttg gatcccttgc aggacccatc nntncggccn nattanctn 60  
 cntggtgctt tctgtngct ttenggttcn cgnancctcg cttttttgna tgtecnnggn 120  
 tgggcctgcc ccngagggcc nacngnntn nggnncnat ttattnttg nnnanccant 180  
 atcttgnnc nacagntgct ttacagtct atntnttcg cgcnnngngc gtatnagccn 240  
 cncctnttac cnggggantt nctcnnccnc nnnntnttgc ttctntntn tteccccnt 300  
 tggggggaag ananggggnn gcnnncaaag gnntngtnac nacaagnct tgnactcccg 360  
 tacnnacggg gaccgcccc gttgggaaga ccttttncnn nnnccgataa naggtcncnn 420  
 ctggatcggt tactctcctn gtncacttg ncgnetcaaa ccgtcattg gcntgttgga 480  
 tcacctnctn naacgancca taaananaaa cccccggggg nnnnaatacc tgctngngna 540  
 tngtangnt cncagcncnt ttaacntncc ntctgaagga angattnaag ggancgggca 600  
 atccttgtn agngggntn ntngccttg ggggcaancc aagggccacc ttgntntnt 660  
 tccttcacgg ccnntggggc cnntttccga atggccgggn ngtngggntc nggatnctc 720  
 ccnangcttg gnctagnat taannccan nccancnng ntgccccnt tntaancata 780  
 ntcncnttc ttgannggn anntttgcct tancangcc tnnnccccg tannagttc 840  
 aaacnntnat gangnaaacc tcggtagttn aancntgtg gttntcttc cttngntgc 900  
 cantcnggg anntccatc angtcgtgt nntcnntant acttgaana ngggnatggn 960  
 ttcaanttna gggangccaa nngtnann 988

<210> 1672  
 <211> 801  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(801)  
 <223> n = A,T,C or G

<400> 1672  
 gttgantaca aatacaagct acttggtctt tttgcaggat cccatcgatt cgaattcggc 60  
 acgaggtgac ttccaagccc cccgtcctgg cagcgaggag ggccctggac gctctttcca 120  
 caccggtcaa gtcaacaaga gaaaacaggg aancaaangg aacaggcatc atcaaactcc 180  
 agtttgga aa tctgtcttca tcaaaatcca aacaggcatc cttaattcca gcagcaagct 240  
 tacagcccaa catgaactcc agtgacccag acctggctgt ggtcaaaacc acccggccca 300  
 actcactccc cccgaatcca agcccaactt caccctcttc gccatcttgg cccatgttct 360  
 cggcgccatc cagccctatg cccacctcat ccacgtccag cgactcatcc cccgtcaggt 420  
 ctggttgcagg gtttgtttgg tttctgttg ctgccgttgt tctctcattg gctcggctct 480  
 ctcttcattgc agtgttcagc ctctctgtca actttgttcc ctgccatcca aacctgcact 540  
 tgctttttga caggccagaa gaagcggtag atgaagactc cagcacaccg ttccggaagg 600  
 caaaaagcct tgtattgcct gcaaaagctg aacatgactt aanaactttc gttcacaagc 660  
 aggcaccggg ctctgataat gcaagaagtg gtcttcaag ctttncaaaa ggccattctt 720  
 taactggcca caaccgnaag ctttcngggc acctttcaac ctttttaaac ttggggcact 780  
 ttccactgg ggcgggntcg g 801

<210> 1673  
 <211> 1207  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1207)  
 <223> n = A,T,C or G

<400> 1673  
 ttgaancntn anctcttgtt ctttttgcag gaccctcgat tcgaattcgg cagcagtcag 60  
 gctgggaggg gcttcttttt tttggtgggg gagaaccant nccacatacc cagtaggtaa 120  
 taaggtgtcc tgcnnnnggt gaangtcngc nagntaannn ggggccgtct cnnnggcccg 180  
 gngacgaaca cgggggnccn tttgttnnnn gggggngggg gggggnggna ntttnancnn 240  
 ncnggggggt tngggaattt tanaaaaaat attacttggg nttttcaana acacttccag 300  
 cctttcttgg atcctggaag ttattaaggg ntngnaaatt tnggattggg nanggggggc 360  
 cantangccc ttanggtngn aagaaacaag gaagccttcg gcccntttcc cttacccaan 420  
 gggggaaggg gaannaaaat gggtttngcc caaaaaacc cgggtttttt tttccccccc 480  
 tttttnnccc caaaancccc ttggggggga anccttaatt tanttgga aa ttttttctt 540  
 ttttaanccc cccccccca anggggggaa attttaantt ggnatttan gganaaaaaa 600  
 nttaanttgg gnaaaaggcc cccccaacc cccaaaaagg ttncctttaa agaaaacct 660  
 tttgggnaat tngggggtng ggttttttcc naaaagngaa aaantttaaa aaannttcaa 720  
 attttacc cc ttgggaaatt ttgggcccc tttcccccc tttaaagggt nccccnttt 780  
 ggggttcccc caaagnccnt ttnaaaccct tcnaaagnc cttnggggtnt tttaaattaa 840  
 aaaattttgg gaaaaagggg gggaantttt caaaaaccn aaaaaaatt ttanttcntt 900  
 cnttnaancc canttccaag ggggtggcct taagnaacca attgggntt aaggaaaatc 960  
 cttccacccc attgggtttt taaatnggac ttgggttaag aataagcctt antttaaggt 1020  
 gagggtaggg aataaaatna aaatggaatg cctaanaagg ccaaccangg tctaagggtt 1080  
 taaagggtt naaggnctgg ggnattgga atctcaccat ggcttccctt ncttttcttg 1140  
 gggcctggac cactgangac aatgcggcta tacaanaagg ccattggcngt cantngccac 1200  
 aaaaaag 1207

<210> 1674  
 <211> 1006  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1006)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1674

gtttgactnc	cgtatacaag	ctacttggtc	tttttgagg	atcccatcga	ttcgattgtg	60
cacctctaac	ccctcttcta	gcacccttaa	ttgataccat	tcaagtgcc	ataattcttc	120
caaaccagg	ttgagggaact	tttgaatttg	ctgagaaatg	aaattctgca	tatctttgct	180
tgctactaat	gcctgtctgc	tctctgcctc	accttcttgt	ccattgggtat	atgtttggca	240
ctctgagagt	atcagcatca	attcattcat	atctccaata	ctctttcatt	aagtctcagg	300
ttgcttgcca	gcacagacaa	ggtactgccc	aaagaagttc	tttggnaaac	agncaagatn	360
tttactatac	cacnaanaac	cttaacattc	ttntttntga	ancattataa	caanttttna	420
aaatttanan	ancnntttnt	ntntttcttn	cccnagnngn	cctttttntn	tatnntnnnt	480
ttttcnnttt	tatntttntn	ntncatcttc	cnnttttnnt	cntannntat	ctannnttca	540
ttctcctttc	ncctttttntn	tnntntntnn	tnatctnnnt	ncnattncnn	ttntannnnnt	600
ctctttacna	ntnntnttnn	ncctctntct	nnantanncn	ccnnntatct	ncnannnnnn	660
ccentntntn	ntntntntnt	ttctctctat	nacnnnanna	tctntctctt	ctcccnntng	720
ntacanttnc	cccctnnacc	ncctntntct	tttacncccn	annaaannan	aaacctctac	780
cttgcgggng	ggatggacca	ctatccctcn	ngngnttttn	ttttaataac	caacancctn	840
ttttggtccc	nctnttnnan	aaagggggac	ncaagnnaat	nncctttcca	aaaancctca	900
aatttggggn	aatnggnctt	tntcncattt	ccttttttta	aaaaaaaaacc	anaaaaaccc	960
nttttggggt	ctctttttnt	gtaaaaaaaa	ccccccancc	cangcc		1006

&lt;210&gt; 1675

&lt;211&gt; 1078

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1078)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1675

tnnnnnncnn	nnnnnnnnnn	tnnnatcnnn	ntnnnnnnan	nnnnnnacn	nannnnnnag	60
ggngngggcn	ntttggannt	gnnacctttt	gnactcntgc	agnncccagn	aancgaannt	120
gngacgaggc	nctntncatc	accagcgagg	gagnttgctg	tgaacttttt	naaccgggtg	180
actgncatgc	atgaagagcc	cctgcccaca	catttncctt	tcntttatgg	atgccngcca	240
gggntnggag	catggctggg	gaaggngctg	gccncccnng	cntgtncagn	tactacagtc	300
nnggatcagn	annaacntgg	ntgtgntnng	agcagcanta	canaanaanc	ctggacctgc	360
acactaatgc	cnctgcacaa	cnttcttgga	anaaaaaacn	tgcttgnggg	aagncaanag	420
gacnntnngc	tctntcttac	ttttgcagcc	tnncttgccg	ggggcacaga	atttggcctn	480
ttatncatca	angagcnant	aggntagtcn	tggatttccc	angacacggg	ntaaccagg	540
ggaaaaangg	tttggggntt	gggcccatat	cccntgggaa	agngaatttc	ttttgctccc	600
ctaaagcaan	atatatacnc	ggggngtttt	ngggnatatt	tccaantaag	taanccccan	660
tccangttca	cgnaaggggc	nctttggggg	taaaaggcaa	taaaaggggg	naccctctaa	720
accattggtc	acttgnggna	tgggggncaa	ntccccctan	gggctttatc	ttnangngnc	780
ccacgnannc	cttgnaaaca	aagggaangg	aggggnaang	acgcantgaa	gggntttgaa	840
agttgtcccc	ggaanttggc	nanccaggta	tngaaccntt	gcactaggna	gcctatgggc	900
naaattggcc	aggnttnttc	canacgaang	gaggcnnaaa	aacntttgan	ccaannnaaa	960
ttnttctttt	gggtgaagaa	ngaanangat	gancatgacg	gccttgnttg	nggggncana	1020
agcangaaan	aactttannt	ntncccaaan	aancagngcn	ttgggggcgg	aaannnnn	1078

<210> 1676  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1676  
 gttgatnngn tcaagctctt gttctttttg caggatccct cgattcgaat cggcacgagc 60  
 tgcaaagaaa nggaagattt tcttttttac aacctagatt ttagtttttag agganggaaa 120  
 tagcttgaaa aactaaattg ctttggtgaa atgtcctgta cagaacagta ccttggcatt 180  
 cagcagctgt aattggggaa cattaaaaca gtaactgaca tccagttaaa gccacgatcg 240  
 tcagcaattc tcctttttta atttctgata tttaaagttt tttccagtc tacaccaggc 300  
 ctctccaagg agacagttca ttatttagga gtgaatgtgt tcctcttgca atattatcag 360  
 tacctgcatg acttggtaaa ttcattttat aaaaatagtg tttttttttt taatttcagt 420  
 tcattgactc tataactgca gaaattagat aatgttttat aaaataaatt tgccacataa 480  
 tatgggatgc aataaccaac aaagctgcta agtgccaaac tgttatttta ctatatataa 540  
 atattaaaat attgtgttga agtataggga tgtatttaat tttactatgc tcccaacatt 600  
 aatcatggac tcttttgtaa attacagtta tttcagtatt gtaaaataaa tgttggactc 660  
 atttcaaaaa aaaaaaaaaa aaaaaaaac cncngcctct aaaaactttt gggagtcggt 720  
 tttacntaga atcnacatg gataagaaac atttggng 758

<210> 1677  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 1677  
 ttaccgcttt tgttcttttt gcngatccct ctttcgatta gggctgctgt gatattgtca 60  
 gcttgcatca acaattagaa gatagagaac ccgccatcag ggtgtctacc taactttctca 120  
 gggactacac ttggtagttt tccccctttn aagaactggg nnattgaaac atttgtgggg 180  
 ttcngaatt gcctttacag gggttttttn cttttactgg tttgctctgg ggtnttataa 240  
 tatattgntt gactggctgg tattatcgaa ctagtagcaa taattatatg taaaaatggc 300  
 caagcatata aggtaaaact atataagtac cctaccttat ctgnatttca atttttttaa 360  
 actgcttttc caaatatgag actatgttaa agacactaaa aaaaaaaaaa aaaaactcga 420  
 gctctagaa ctataggagt cgtattacgt agatccagac atgataagat acattgatga 480  
 gtttggacaa accacaacta gaatgcaggn gaaaaaaatg ctttatttgn ggaaatttgg 540  
 gatgctattg ctttatttgg aaccatttat aagcctgcaa taaacaaggt ttaccaccan 600  
 caattgcctt tcatttttat gggttcangg ttcaaggggg gaagggtggt gggaaggntt 660  
 tttttaaatt tcgnggggcc gnggggggcc caatggcatt tggggccccg ggncccccaa 720  
 ccttttnggt tcccccttta aggggagggg gttnaattgg cgcccccttn gggggtaan 779

<210> 1678  
 <211> 1079  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1079)  
 <223> n = A,T,C or G

<400> 1678

gnnnnnnnnnn	annnanannnn	nnnnnnngnaa	nnnnnnnnnnn	nnnnngnnann	nnnnnnnnnan	60
nngnnaannnn	aaanannncg	nngncnnnnna	ntannnnnnnn	cnnccecgngn	naannnaagg	120
ngnnnncccn	nnnttttttt	ngggaaaaac	ccctnnnnnnn	nngnccnatn	ttnttcgggn	180
gaacagcctc	ctntgggcan	gggnaaaacc	cccataccgt	tggngtaana	anaaaacncc	240
cnncgggncc	aaccggcaaa	gggccaacca	accaaccaac	cggnccnancc	naccatgtta	300
ccccgcaana	ttntggtaac	naggnaacnt	caaacnattt	actaccacca	ggaaccatng	360
gatgggaaca	aacctanaaa	aagcctnggg	gnacttcttn	ccnctcctg	tatnggnngg	420
aattattngt	nggggggngt	canaanaaaa	angtgctngg	ggcncaagag	gcnagngggt	480
tganangtnn	taccnnccag	aatnggantg	ggaaatgnng	gccccctcca	aaaananann	540
cagngcatgg	cnagagacag	ccattaatgc	acgagaatac	tacctaggag	ctctgnctca	600
cangaagcgg	nggggctgna	aacagccctt	gcaggaggct	tgncctgcac	gcnantngat	660
cggccttgac	attggtcaac	anngcccncc	ncttggtggt	cccaggcctn	ccaacatctt	720
ctcaangcnc	tcataaggca	ctatgtgang	agctntgaga	gganatacaa	ttnncttagg	780
ggcgggagcc	cttananca	naantnccan	gngatggtaa	ncccccatth	angtaatgnc	840
ctctatgtgn	agccccaggc	nnnggggatg	naaaaaaac	atctaccagg	gggccaaccc	900
actngnntcn	taaaaccaaa	ccccnncttn	gggaaaataa	ngggaaannc	cttcgggtta	960
nccnnggnan	taggtgaaaa	nanaccaaac	cnngggcctn	canggnacnc	gncaacnnaa	1020
ggggngngga	anngaaaaca	cgggcgaacg	gggggggtcgn	ngnngggccc	catccnnnn	1079

<210> 1679  
 <211> 1035  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1035)  
 <223> n = A,T,C or G

<400> 1679

ttnttttncc	cnnnnnnnnn	nnacggancc	ctttaaccct	ttttgggggt	tttncctttt	60
tttttttttg	gcccgaangg	gnantacccc	ccccntttcc	cggnantttt	tcccggnaaa	120
attttttccg	gggcccgaac	cggnaaagtt	aaaanggggg	gggaattttt	ttgggttggg	180
gggcccattt	anccccattt	tccaaaaagg	ccccccaaaa	ccccccattt	tatttaccca	240
cccattttta	ttgggggaaa	aanggttttc	caccaaaaag	gaaanggaaa	agaaggaaag	300
aaaaaggggg	aaattggggg	gncccgnaaa	angtttttac	tttaaaattt	nggttgggnc	360
ccccccaaac	ttttcccccn	atatngggga	aangaaaatg	ggnctttccc	gnttttccng	420
gaagatttna	ggggnccccc	nttnggntna	nctttnacnc	cccccccgac	ncnttttttt	480
aaaattgtcc	nctctcaaag	acagtagaga	attttgaaac	aagaaaaaag	tgcttgctgt	540
tctagggaac	acatcagact	atcacatatt	ctcacagaaa	cctgtaggca	gaagggagtg	600
gagggatata	tcaaaggcca	attaactgat	ctttgcaaga	ttgcaggaat	cacacagaaa	660
aaggtagtct	tcaataactg	tggttgaaaa	actggatatc	acatgcaaaa	gaatgatatg	720
ggacccttat	cttatccatn	cncannnnan	annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
ccnccctntt	aaaactntag	ngnggtccgt	ntttncgtta	gatecngccn	tgataagaat	840
ncnnttgat	ggagtttggn	nccaaccnc	accttaggaa	tgcccggtgn	aaaaaaaaat	900
gcctttnttt	ttggggnaaa	attttgggga	angccttttn	ggccttttant	ttggtaaac	960
nnntttttta	gctggccaat	naaacaagg	tttaaccan	ccanccaant	tggccttttc	1020
cantttttat	tggttn					1035

<210> 1680  
 <211> 781

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(781)  
<223> n = A,T,C or G

<400> 1680  
agnttgactn cntatacaag ctacttggtc tttttgcagg atccctcgat tcgaattcng 60  
cacgagggac attatatgtc tggaattttc acagtaccct ttaattaaag agatattc 120  
aattaaagta gctctgggtg acagcaagga agtgggatga ggaaacagaa attggcagag 180  
tccatgattt ggtccagatt aaactgccat gagtgactgt aacaaaaatt cagaacttat 240  
gtaactcaaa taggtatatt tgagaaatag gtcggcacag gtcaagatgt gaaagcccaa 300  
taaagctagg cagagacttg gtaagataaa aaaaaagtgc ctcaaatgt tcagtgcagag 360  
tagtgccctg atacaggcag tacttaagga aaaatcagta ttttaagggaa gagctgtaaa 420  
gggtctccag gagtgggcaa agtatgtttt taattaaaca ttttattttg agatgattgt 480  
atattgatct gcagttgtaa agaaataata gaggttccagt gtcccttttc ctgtttttctt 540  
ccaatggtag cattgtgcaa aactatggcc aatatcacac caggacatta atgttgatgt 600  
agtcaatatg tagaacattt ncattccccc aaggntcccc cagtgtctgt cttttttatt 660  
ccacaggtca ccttacccca ccctcatttc ttttaacctn ttggcnaccc attnaatctg 720  
gcctcccntt tcttaccaat tttggnattg ggaaataatg ggtattntca attgggaatc 780  
n 781

<210> 1681  
<211> 756  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(756)  
<223> n = A,T,C or G

<400> 1681  
agnttnacta canatacanc tacttggtct ttttgcagga tcccatcgat tcgaattccg 60  
cccgagaaga atgggggtaa tctggatggt atagttttta gggggtgaaa tttagctggt 120  
taaatacatg gctgttgaca tttgtgatta cttcattgct aagttttaca tataagagtc 180  
ttcatacttt gtttcagga cagaatgatg ctgctgaaat tggaacaaga aatttttagat 240  
ttcattggta ataatgagta agtcctgaca ttcaacaaga aaagaaattg tcatcaccat 300  
tctccttgac ttactaagtt ggtttttctt gtgcttctag gtctccacgt aaaaaattcc 360  
ccccaatgac atcttaccat aggatgctat tacacagagt agccgcttac tttggattag 420  
accacaatgt tgatcagagt gggaagtctg tcatagtaaa caaaactagc aatacaagaa 480  
tgtaagtgtc aagagatgta actacatatt atatatctaa ataataatac tttatctttc 540  
tatattacct ttcattctgag ggtttcccat gttttaacag tctaattaaa gttttatgat 600  
aaccttatgt gataggactg aaaaacacat ttagtttact gggaaccaaa atgcaacagc 660  
ctggactcaa atttggcata tgaatganga ctggggcata tngtaaaaaa aataaaaaat 720  
nccgangaca tagtatcagt ggtggtttgg acancc 756

<210> 1682  
<211> 841  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



<222> (1)...(841)  
 <223> n = A,T,C or G

<400> 1682

ttctatnnnn	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	gcangaggna	60
ctntncatna	ccaggcgcn	nagttggctg	cnaactngcn	gnaccgngng	tttgnctcn	120
atgaantgcc	nncgcccaga	tncttcacct	tcctnatnga	tgccctgccna	ggactggaac	180
ntgctcnnaa	ngtntctngc	taccctcgcg	tntacagttt	ttacngncat	gacccaaagt	240
acattgatgn	ggtngagnac	tnganagaga	acctgnactg	cacancaatg	ccctgcagat	300
cctnctggag	naaacctgc	tgcggtgcan	agacctgctc	tcctgcctgc	gnntcctgna	360
ngccgactgn	cttacacngg	cttngatctg	gtcctgggga	tacaaganag	ctgctngcna	420
tcnttgcttt	attatnccca	anattncngg	ntttggtttt	cncagtccat	naaatntatg	480
cctgggaggc	taaatgacc	nacatgctnt	ggcanttagc	cccnggnctt	cctcagggcc	540
atnagtcaa	gaaggnaggn	nggaataccn	ttacngatna	tgtgccncga	ntggntagcn	600
ntgntnattt	ttgattgaag	gancttggac	caatttacng	cttttctntt	ncggatgaag	660
gatttgaaaa	actttngtac	naanaataac	ttttctnttt	tttgccgaat	gaagggaan	720
aatgnttcaa	attanttaan	ggccttatan	tntgnanngn	gggcttnttg	ccccgnaaca	780
tcctntaaa	cnaggcccn	aanntntcgt	ggggntttan	ggggggttg	naacctgccn	840
n						841

<210> 1683  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 1683

gtnacacaa	aaagctcttg	tcttttgagg	atcccatcga	cgaattcgca	caagaactgt	60
ccccgttatt	ntgtccatac	agcaccagcc	ccaatgggccc	ctgaccacct	ccttccccag	120
cagaaacgcc	ccttcgtggg	tggtgaaaat	actttctatt	ctgggtcaag	caccaagaat	180
gcctttttcc	cttctgcagg	tcctccagtg	attcccccta	agaatgcccc	tttcaaagcc	240
accccccat	cgcagcgcca	cagctccctc	tagagttcct	tcacactcac	atcctctccc	300
gcctcaggta	gaaatatccg	cctgcttagc	tccaggctcc	catgacatac	tcccgtaacct	360
cctctcacc	caccctcatc	gcggtcagcc	cgtcttcatt	acttctgcc	cagaacagtg	420
tcccgagtg	aggcggtgaa	gccttccttc	ccagaatgtg	cctcatcctc	ttcctatggc	480
gtgaacaact	gttgccctga	cctgcagctt	ctcaccagc	tctcaggcta	tcgtcctgga	540
ctccctaggg	aagaccctgg	acttcactag	ggtgtgactt	cttttctcgt	aggcattcct	600
tctgcgttga	acgcataatc	actattctag	ctgaagggtg	taatatacag	ccacgaaggg	660
ggtcgataca	cacagtgtct	cctgngcngg	gtctcacagt	ctanttgatc	agacaccant	720
cgacaaagat	cacgggggtt					739

<210> 1684  
 <211> 1201  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1201)  
 <223> n = A,T,C or G

<400> 1684

```

ttntctccgc tttggtctcn tcategcngn aatnccgnet gtcttngggc cgggengntg      60
ctcccgcgcc cttgttatct ggggtctcctg aatcttctgn ttttggtccc agtttaaang      120
attcatcccc ggnccggggg ttttnntttt ttncnttgg ggggggnttn ccccttccc      180
cggggggtgg nttnnngggn ctttccnggg ccctcccng gcnaccagg aagaatcccc      240
cttcctttgg gggnggtttt ttcaaagtta ccccaccaat nggggggaag aaatnaaaaa      300
gggggggttt tttgggaaan ccattggaaa aaatngganc cnaaaaaaac ccaanccan      360
gcccaaangg gaaaaggnaa aaaaaaagt tccnttngg gtccccctt ttttttttc      420
caantttnan cttttaant ccaangnaac cttccaaaa aaattaaaa aatngggttc      480
cntttggggg ggcctttcct ttttnaanc aanttttnan ccnaatttt ccaanttttc      540
ccttttncna aaacccccaa ntttnggggn gggggggtnc cctngggggc cctttttccc      600
ccaacctttt nccccnttt tcnaccttt tcnancccc cnaaaaccaa nttggggggc      660
ctttccttng ggcceccnaa aaaaangggg aaaaagnccc ccccgggggg ggnaatcccc      720
tncttttaan ggggncccc attccaaccn ttttttaaaa attnggggaa anccttcctt      780
cntttaancc aaaaccaatt tttnaatncc ccnggggggt ttgggggttt aaaaaagncc      840
ccccttcccn ttaaccaa anccaaattt gcctttccct ccttccttt nggggttttt      900
tttaataaaa ggcctnccc aattctttct tnccctnggc ttttccttt naaaccttng      960
gaatnaaata ggcgaatnac ctttggaat tttttcctn aatttnggt taaattttca      1020
atnaaaaccc caatttttaa ntccccccg ggattaaaa atggacctg gtntttatcc      1080
aaaaccattg gttttggtat ttagaaaaa aangggattt ttggggaagg ccctcttcaa      1140
tatggtnaaa ttaaggttct atttaaacca tanttnaat ggngaaaaaa aaaaaaaaaa      1200
a

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```

<210> 1685
<211> 752
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(752)
<223> n = A,T,C or G

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<400> 1685
ngnttgantt cgatacagct cttttctttt tgcaggaccc tcgattccna ttccggcccg      60
aggncggaat cncattggga tccagccttt tcctcttatg aatgggtcta ccgccagggtg      120
acgctcaatt gcacgaagct taaccttatt cataagagga aaagacagaa ttcacattgg      180
gatccagttt ctttaatatc tcatgcactt aaacagaaat ttgcatttca agaagatgat      240
tcttttgaga aagagaatag atcttgggaa tcttcccat tttctagtcc agaaacttca      300
aggtttggac atcacatttc acagtcagaa ggacagcgaa ctaaaagaaga aatggtcaac      360
acaaaagctg ttgaccaagg tatcagcaac acaagccttc taactcaag gatttaaact      420
caacttaagg ntgagcttta aacttccaaa acttctcct ggatgataaa ttattcttag      480
aaactgattt ggactgttaa aggctaaaag tagatgtatt taaagactct tcttgacaca      540
ttttgcctac acttgctatg taaatatgta tgctgncat ttttggttcc tttggtcctt      600
tttacgttta tactctggtc ttctgtcata gagcttaaaa taaacattct ttttgnact      660
tggaaaaaaa aaaaaaaaaa aaaaactcga gcctnttaaa ctatagtggg gccgtnttnc      720
gtngaancng acctggataa gatccttggt ga

```

```

<210> 1686
<211> 733
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(733)
<223> n = A,T,C or G

```

<400> 1686

ntttgatnecg	ttctnctctt	gttctttttg	caggatccca	tcgattccgg	gaaatatcct	60
caccttaaat	ccttatctgg	ccgttactca	gggatatact	aggaattatt	gtcatcaatt	120
atcttcaata	atagcatttt	tgggtcaaatt	aaatgagtgg	taagcttctt	cacaatgtga	180
ccattgaaat	tgaatggttt	gttctgtacc	tttttgcttc	agcaatcaat	tttctccatt	240
aagatgggac	ttgtacttta	attcagatat	ggtacctccc	gaatagaaaa	taaattatgt	300
taatatagtt	gtaataataa	gtgtgtgtta	agatttggtt	actataaaact	actgatttgt	360
taaaacttga	ggaaattacc	ataaaatgtc	tactgaatca	atttttcctg	catttagtct	420
taatgtcaat	tctgtcattt	cctctttcat	taagaaaaat	agcagtggcc	aggcatgggtg	480
gtcacgcct	gtaatcctag	cactttggga	ggccaaggca	ggtggattgc	tgacccaag	540
agtttgagac	tagcctggnc	cacatgggaa	accctgtctt	tatnaaaaat	ataaaaattg	600
gncangtgn	gtggcaccac	ctgtggacca	cttcttggga	ngctgagcag	gaagatcgct	660
tgagttcaaa	anttcagctg	caatgagccg	aatcctgccn	tgcactccan	cttggaacaan	720
tgagacttgc	ncn					733

<210> 1687

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 1687

agtgnntgat	ctnctcttgt	cttttgcgga	tccctcggtc	gtctattgat	tacatgagtc	60
tactttataa	actggtatag	gctatgtaat	tagcccgtaa	gttacttaaa	ggaccagggg	120
acctaatttt	tgtcagtttt	ccagtcacat	tggtgccatt	caggactcca	gctgtttaca	180
ggaaatatgt	acttagcaga	atagtatttt	tccttgaaaa	aaatttgaat	tcagcctaaa	240
tacagaatga	atatgaatag	tttgtgaaaa	gggttagaga	acaacaatat	tcctatagtt	300
tctgtattaa	tgcagtagag	acagaggttc	ctaacgcaaa	aagaaaacca	caagtaaaga	360
ccgtcaaatt	agagcttttag	aatatgactt	gaaaaagtag	ggatggggcaa	aacagcataa	420
gaaaatatct	tttcttaatg	cagatggaca	gtgttttctt	gttttaaaaa	tgttttgcct	480
atttgccagc	attttttgaa	gtaatacact	gctgctcctg	gaagatgtct	aacttcattt	540
tctacaacta	ttatgtgatt	ttgccattgt	cattaagatg	cattgatttt	atttatgang	600
tgtatgactt	taaatatcta	aatgctgtat	taagtgactt	gtttcaaang	gaattaaatg	660
aagtgaatac	cgtaaaaaaa	aaaaaaaaaa	aactcgagcc	ctttanaact	atagtgaggt	720
cgtnntacgt	aaaatccaga					740

<210> 1688

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 1688

gtnattaata	aactattgtc	tttttgagg	atccatcgat	tcgaattcgg	gacgaggcca	60
ngctgtctgc	ggatgtcctt	gctgctctgg	ttcaaggctg	gcctccagac	ttcacccctt	120
atcggtccac	tggacagaga	gacccaggca	cagcccccg	atggtgacca	cagccctggc	180
aaccatgagc	agtcctacgt	ggggaagcgg	tcaaacgggg	tgggtcggaac	cctccagaac	240
acgccgtccc	tgcactccag	gcactgggga	gctccccagc	agcgggaggg	acggcagcag	300

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cagcatcacg aggagctgag tgcgaccccc acccccctgg ggctgcagga gaccatcgca 360
gagtttttgt acattgcccc gccgctgctg cacttgctca gcctgggcct gtggggtcag 420
aggctcgtgga aaccctggct cttggctggt gttgtggacg tgaccagcct gaaccttctg 480
agtgcacagaa agggcctgac ccggaaggan cggcggganc tgcggcgccn gaccatcctg 540
ctgctctact acttgctgct ctctccttct tacgaccgct tcttcgangc caaggatcct 600
ntttcttgtt ncaattgctt ggccgaccaa ccttccttgg cgnntnggcc ttggtcacna 660
agggccgctt cattgggatt tacnttggcc caancttggc caaaaaaaaa ttntaacttt 720
nttacaagtt tngggggcct tgaacaanaa acnttccccg gaaaaaggaa aggggtttttt 780
gggggaa 787

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&lt;210&gt; 1689

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(744)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1689

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agttttnatat agantacaac tacttgttct ttttgcagga tcccatcgat tcgtccagtc 60
gcaacggccc agaccttgac cttgccactt ccgggcgtgg ggtgaaatct cttgattcct 120
agtctctcga tatggcacct ccgtcagtct ttgccgaggt tccgcagccc acctgtcctg 180
gtcttcaagc tcaactgccga cttcaggagag gatccggacc ccgcaaggt caacctggga 240
gtgggagcat atcgcacgga tgactgccat ccctgggttt tgccagtagt gaagaaagtg 300
gagcagaaga ttgctaataa caatagccta aatcacgagt atctgccaat cctgggcctg 360
gctgagttcc ggagctgtgc ttctcgtctt gcccttgggg atgacagccc agcactcaag 420
gagaacgggt aggaggtgtg caatctttgg ggggaacagg tgcacttcga attggagctg 480
atcttctaac gcgttggtac aatggaacaa acaacaagaa cacacctgtc tatgtgtcct 540
caccaacctg ggagaatcac aatgctgtgt tttccgctgc tggttttaaa gacattcggt 600
cctatcgctc tgggatcana naananaaga ttggactcca ggctttctga atgatctgga 660
aaatgcttct gagttcttca ttggtgtcct tcacctgtg cacacaacca actgggattg 720
accaacttcg gacaatggaa acnn 744

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&lt;210&gt; 1690

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1690

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ngttatcggt cactcttctg tttgcagatc cctcgattcg aattcgccga cagcaactca 60
ggaggctgag gaatgagaat cacttgaacc cgggaggtgg aggttgagc gagcccgaga 120
tcgccccact gtactccagc ctgggtgaca gagcaagact ctgtctcaaa aaaaaaaaaa 180
atgccactgg agagctttga ggagaggatc agtctggcta ctgggttggg aattaatcat 240
agcaggcaaa ggcaaaagaa gtgaggttag ttaggaggtt ttacaacaac ccagatgaga 300
gatgggaggt ttagaccagg gagatggaga tgttgagaga gtactgtgac tcaggattgt 360
gacagtggac tgaaggaaaa gcaggttttg ggggaagatt gcatttctcc cttcaacttc 420
agttacgtag atcacccata tgccacacaa ctgcaactct gtaacagcca attttagct 480
tcttccttat ctaagccatc ctgtaggcca taggaattaa aactaggttg gatcaaagga 540
aaagtgaatg ctagatccat acaaaactat tttggatatt tgcctttgta ttttattggt 600

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ttgaaattat	ttttaatggt	tcaataaact	cttactaaga	acttcccaa	aaaaaaaaa	660
aaaaaaaaacc	tcgagccnt	tanaactttt	agtgagtcct	nttacnttaa	atcccaacct	720
tgatnagaat	ccatttgatg	antttttgga	caan			754

<210> 1691  
 <211> 830  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (830)  
 <223> n = A,T,C or G

<400> 1691						
attcnttnna	nctattgttc	tttttgcaga	tcccatcgat	tcgattcggc	acgaggctga	60
gagacccctt	gctgatgcag	ctctgatgtc	cccggntctg	gnagagnang	ncttttgtgn	120
gntgcnngt	tncgagtacc	agtgaentgg	tggatttggga	actgtatgcc	naatggngtt	180
atccnnggna	ngtttgtctn	ntgtnggtan	angcctnnaa	cncttanntg	ntgggtggag	240
gaactntttt	attnatttgt	acntccgagg	ggncanngan	ccctttanng	aggtgntcan	300
gccacacnnc	aaaagntgng	ccnaganaac	cgcgactgnn	tgnctttgct	nctnatctgc	360
tgaanaaaaa	ccaccncttc	tnattggant	tactcngagc	ttccaggata	aagtgcacatc	420
ggcagananc	annntgctgn	tagatngana	catcagtggga	ggacttncan	tgngactttt	480
tnancctgtg	gaancnaaaa	cnaaagctta	ttaagntcct	tggccgaggc	ctttataana	540
tnntaacttt	gnctctantg	tatnttggga	ncntccttna	agctttcnag	ggggggccan	600
gatnnaactn	ntnnnttcnt	ntaaattttn	naaangetng	annnccttaa	tttagatggg	660
aaaaaacnng	naannttggc	ccnantngnc	tttgcttcca	ntcnggttng	ttaaaggcta	720
atgnnccnnc	taaagnccnt	ananggttnt	atancttccc	tggtagcctn	tttgnaaccc	780
atangccttt	nnttatnaaa	aaagcttggg	attangnct	cnttanannn		830

<210> 1692  
 <211> 1436  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (1436)  
 <223> n = A,T,C or G

<400> 1692						
gnngantgag	nagnngngna	ananaanana	ggnggnnncg	gnganganna	nnnnnnannn	60
ggngncgnnn	nnnnnttttg	ggaaaccctt	aaannagntc	ccaangagcn	ngntgagtan	120
angacnnng	aacacaagan	ngagnnntn	ngnagtgaan	gngggnggan	ngaagtga	180
ntntntnggg	nagncnngn	tgncnnggn	gagtannnga	ncgntnngga	nanngnnnaa	240
nntnngtaan	aanggactaa	naangngntg	naannggann	ncggangngn	gagnagagan	300
tgantaanng	ngngggaacn	ggatgcggag	tnccaacan	antattaacn	gnntnngggc	360
gcgggangng	ggncagaagn	ganntggtnc	tannagaggg	cgtaatang	nggagnnnnt	420
gnnananagc	gnggaggggn	aannangtgg	gaatnngagn	ataggggact	ggganngggg	480
cngacaaann	nnnnanannn	gggcgggcn	gnanntgggn	ggaatntggg	gtaatgancn	540
aaggtacaga	ngaaaagacc	ngagtcgtaa	gcngangtgg	ccgggtgatg	tanaacnnat	600
gaggtgggac	cangnangtn	cgatgngng	nncggnata	acagaaggag	cnnnatgggn	660
cangangatn	nangataaag	tngggagtat	nnttnnaggg	ggngacatan	tnntgaaggc	720
acgaataang	gngtagaang	antgtcngcg	nannagnata	nggagggang	cngggngnag	780
ncctgaaagg	ggtnnnngac	gagngacgtg	gcngnaggan	annntaangn	nacggtgggn	840
gcgcgagncg	ngncntgana	agaannngng	cgacnngaga	gtgggnatag	tgtagnagga	900

aagagagngg	tagcgtnaac	aganacgcng	nnggatatgg	gggcgtcngn	gtcnagatan	960
cgacnaticnn	ngangnanga	gtggnnatca	gtnantngna	acgatngaga	ncganataga	1020
gngggcgana	ctggaggggn	anannggggn	acgtgaagnn	tgacgnnggc	atnnngctac	1080
acgnngcgcg	ggagaaggtg	aagggganga	nnatgatgac	gngnagagan	gnnaagagan	1140
tangacagaa	cnagncagta	gnagaagnag	agacgtgaca	ntgangtgan	ngcgcantnn	1200
gaacgcanac	taatggacga	ntncataanc	nagatngcgt	gncggggagna	aagaaggtgc	1260
ngggagangg	aangangaaa	tgggacgtaa	taagaagant	agaaggggcc	annggaagag	1320
acatgngngn	gggaggnngn	ggatanaggn	cggggggcgn	gatggccgtn	gngaagnngn	1380
aatnactggg	gnggnaaana	naggacncgc	gncncgggga	ggggaaacaa	nagnga	1436

&lt;210&gt; 1693

&lt;211&gt; 767

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(767)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1693

tntgaancct	ttggaactcn	tgttcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggggtggctc	atgcctgtag	tcccanttat	tcaggaggct	gaggcatgag	aatcgcttga	120
acctgggagt	agaggttgca	gtgagctgaa	attgcaccac	tgaactctag	cctgggcaac	180
agagtggagac	ttggtctcaa	aaaaaattaa	aaataaaaaa	taaattgggg	gctgagtgtg	240
gtggctcatg	ccttcaatct	cagcctccca	agtagctggg	attataagca	tgccgccacca	300
cgctcgcta	attttgtact	tttagtagag	gtgggggttc	accatgttgg	tcaggctggt	360
ttccaactcc	tgacctcagg	tgatccgcct	gcctcagcct	cccaaagtgc	cagtattaca	420
gacgtgagcc	cgctgtgcct	ggccgagtaa	ttttttttta	aaaaaaaagc	ctctagaact	480
atagttagtc	gtattacgta	gatccagaca	tgataagata	cattgatgag	tttggacaaa	540
ccacaactag	aatgcagtga	aaaaaatgct	ttatttgtga	aatttgtgat	gctattgctt	600
tatttgtacc	attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	660
gttcaagttc	anggggangt	gtgggaggtt	tttaattcgc	gncgcgggcg	ccatgctttg	720
ggcccgtncc	aacttttggt	ccttttatga	nggttaattg	ccccctn		767

&lt;210&gt; 1694

&lt;211&gt; 779

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(779)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1694

nnnntttnnn	atcctntaca	actacttggt	ctttttgcag	gatcccatcg	attcgggaga	60
attcccttat	tgctcacttc	tctgagcttc	aagggttctga	agcatccaga	taagaagttc	120
cgggttgggc	aggccctgag	ggccaccgtt	gttggcccag	attcctccaa	gaccctctta	180
tgtctgtccc	tcacaggtcc	tcacaagctt	gaggaagggg	aatggccatg	ggccgagtgg	240
tgaaggtgac	tcccaacgag	gggctgaccg	tctccttccc	ctttgggaag	ataggaacag	300
tcagtatat	tcacatgagt	gactcctact	ccgagacgcc	cctggaagac	ttcgtccccc	360
agaaggttgt	cagatgttac	atcctgtcca	ctgcagacaa	cgtattgact	ttgtcgctgc	420
gatcatccag	aacaaacccg	gagacgaaaa	gcaaagtaga	agatccagag	attaactcca	480
tccagagcat	taagggaagg	cagcttctga	ggggctatgt	aggttccatc	cagccacacg	540
gtgtgttctt	tcgccttggc	ccctccgttg	tgggtttggc	tcggtactcc	catgtctccc	600

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aacacagccc gtccaagaaa gccctttata acaaacacct ccttgaaggg aactgctcac    660
agccagggtc ctacgcctta ccaccagaag aacctggtag aactggcttt ncttcccgga    720
gacactgggn aagccagacg tgctttctgc ttncttggga agggcaactt acaaagcaa    779

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<210> 1695
<211> 691
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(691)
<223> n = A,T,C or G

```

```

<400> 1695
ctnatngatc actcctgtct ttnagatcca tcatcgaatc gcacagatga catgaaatgg    60
tgccacacac ntgtgctgct atcaagtgat ggctgccaga tctgggcngc ccagacctat    120
ggatggctgc ctcaggtgca gcatcactgc ctggtttgat ctgcctgtaa atcatcctta    180
gctgattgct gaacttgcat tgtgattgcc tgtagagttg ctgagaggct cgaggggtgg    240
gctggtatct cagaaagtgc ctgacacact aaccaagctg agtttcctat gggaacaatt    300
gaagtaaaact ttttgttctg gtcccttttg gtcgaggagt aacaatacaa atggattttg    360
ggagtgaactc aagaagtga gaaatgcacaa gaatgggatc acaagatgga atttagcaaa    420
ccctancctt gcttggtaaa attttttttt tttttttaa aatatctgta atgggtactg    480
actttgcttg ctttgaagta gctctttttt tttttttgca gtaactgntt ttttaagtctc    540
tcgtagtggg aaagtatagt gaatctgcta cacaatttct aattttaaaa attgagtatg    600
gtgtagaaca ctaataatca taatcactct aattaatgga atctgaataa aggnacaatt    660
gngtaccttt tgtataaaat aacaaatana a

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```

<210> 1696
<211> 774
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(774)
<223> n = A,T,C or G

```

```

<400> 1696
cnctttacaa actcctgttc tttttgcagg atcccttcga ttcgaatttc ggcacgagct    60
gcattgtcca ctggacgttt tagtcatatt nngacaccag ttgtttcctc cactcccaga    120
cttaccacat ctgagagaaa ctggttggtg ggngtcctcc ctggtcctta tagaatggcc    180
cccgtgcttc cnagtgtntc gnagctgncc gtcngatctc taactactt cagtgcngga    240
aaaggcaaga gaaagaccgt gaaagctgtc atcgataggt ttcttcgact tcattgtggc    300
ctttgggtga ggagaaaggc tggctataag aaaaaattat ggaaaaagac acctgcaagg    360
aagaagcgat tgagggaatt tgtattctgc aataaaaccc agagtaaaact cttagataaa    420
atgacgacgt ccttctggaa gaggcgaaac tggtagcttg atgacctta tcagaagtat    480
catgatcgaa caaacctgaa agtatagatc agaagtttca cttgtttctc agttattgga    540
tatgtatctt tgtgtacata tctttgcaaa aatggataag tacaaaaact gatgtaaatt    600
gtccaatgaa tatgtnaaca tacnagtgc aacattaaac ttagaaaaag tttaaaactt    660
aaaaaaaaaa aaaaaaaact cggcctctag actatagtga gtcgtattac gtagatccag    720
acatgataag aatncattga tgagtttggg ncaaaccaca cctagnaatg cang

```

```

<210> 1697
<211> 1199
<212> DNA

```

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1199)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1697

tttttttaga	gaggggnttt	nttttgnttc	cntnnnnnna	gaggggggna	atngtnnaag	60
nnncggnang	tntgcggggn	nnntnnncta	ngtacccegn	nttcncccta	tttnnttntg	120
anctgcgttn	tttancttac	tttagtnaat	tnnttgnggg	nngcnctttn	gtttttgggn	180
atattttttgn	aatatngctt	ntttttnata	tctgggtacga	nnntttgntt	tnntannta	240
atttttttgc	gttgantgta	gnagnttcnc	tgtgtatatc	tnntcngnnt	nanncnttgc	300
ttcggcntta	ngtngnat	ggtngtttgc	atgtntnnag	atanntatnt	ttctngtcag	360
gganttgnt	gntgntgnt	ctgntctntn	tctnttgggg	gtttnnatnt	nagtcttgta	420
ttntatnnc	tacacnttgg	gtgtatgnac	atatatnnat	gnntnanggt	ggtatnttan	480
tngatntcgt	ctctcgnggt	gnatatatag	nnnagtgggt	ngncganntg	ngaaacgtan	540
ggntagcna	ngtnttcttt	tatnctgggn	aanngtgtta	ttgtttggct	tactcnatnt	600
gtcctagang	tgngnncata	tggcccata	gtgggnagac	ctcaattctt	anntactnng	660
ngataagat	ngaatanggt	gnggtanant	gtnggnacan	tttgtgnnta	ttttcaantn	720
ggtgngnngg	tgtaangecn	cctttgantt	gtantnttca	atgcngtgt	atannctngg	780
tncttctgat	atnggggnat	tgggtanagc	tcnctgctg	ntgtgtatat	ngatggnggg	840
gggtcacctg	aatnttatng	ctntgtnnng	cncatgatg	gagnttggng	taattgnanc	900
gattttnttt	tgnatnttgg	atnngttgng	anctcntggg	gtaggcacnt	tcattgctgc	960
anntcngggg	gtanggangt	gcnnangctc	tggggtntgg	nncgtgancn	cctagngtgg	1020
gtaattggnt	cntnnttga	ttaccattna	atnaatagca	tnggnttnng	ntatnattan	1080
tgnnagaatg	gtgttncctt	gatcntatat	nttaantcnt	tnatttatnt	tgattgtntn	1140
nggganttat	gcttntgggtg	gnattgtctt	ntnnnagact	nataatntna	ttgtatttnn	1199

&lt;210&gt; 1698

&lt;211&gt; 783

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(783)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1698

agntttnaaa	atatcanata	caagctactt	gttctttttg	ccaggnatcc	cattccgatt	60
cgaatttcgg	caccgaagga	aaccgcccc	ctttcttttg	gatcnttggg	anggtgggtg	120
gttaaanggn	aacctcnaag	tttttcaaan	ctttccaaat	tgctcacagc	ttgatccata	180
gggnttgaag	ccatcccttg	tcaatatatt	tnggtnggta	tcggtcaact	ggtgccatca	240
ttgccaatgg	ggatcaccaa	agcctgccgg	gagctagaac	tcaagggtgcc	cctggtggtc	300
cggcttgaag	gaaccaacgt	ccaagaggcc	cagaagatac	tcaacaacag	cggactcccc	360
attacttcag	ccattgacct	ggaggatgca	gccaagaagg	ctgtggccag	tgtggccaag	420
aagtgatgtc	tttgtcctga	tccaatggag	aaagaaaagcc	atttttccgt	aaaaagggat	480
ggttcatcat	tgtgaaagaa	atgggttatc	cattggggaa	gaaaagggga	gggggaangc	540
aagaatcact	tgaaaaatct	taaatctgtg	ttttctggaa	taaagatatc	tagacagcct	600
aaatctgatt	ttggtcttta	tnaaaataat	atcttgnggt	ctcactctt	tctgtcactg	660
taagcctgcc	aatagggcagt	gtttttcaaa	cttttgggga	gtggtctatg	tngcccaata	720
tttgtgtgta	tagacagaat	ttgaaatcaa	tctgttctnt	acaanaattt	ggtgggcatt	780
aat						783

&lt;210&gt; 1699



<211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 1699  
 tnannccttn aactcttgtc tttttgcagg atcccatcga ttcgaattcg gcacgaggca 60  
 ctttccatca ccaggcgcgagg gagtntgctg tgaacttgcg gaaccgggtg tntgccatcc 120  
 atgaagtggc cccgcccana tccttcacct tntcaatga tgcctgccat ggactggagc 180  
 angctctgaa ggtgctggcc tacgcctgcg tgtacagntt ctacagccag gacncagagt 240  
 acatggatgt ggtggagcag canacanaga acctggagct gcacaccaat gccctgnaga 300  
 tcctcctgga ggaaccctg ctgcggtgca nagacctggc ctccctccctg cgcctctgcg 360  
 ggccgactgc cttagcacgg gcatggagct gctncggcgg atccannaga ggctgcttgc 420  
 catcctgaan cattctgccc aggatttccg ggttggtctt canagtccat cagtagaggc 480  
 ctgggaggca aaaggaccca ncatgcctgg cagtcagccc cagccttctc anggccagag 540  
 gcnaaatagg aggaggaaga cgatnacgat gatgtgcccc antggcanca ggatgagttt 600  
 gatgaggaac tggacaatga cagcttcttc tacgatgant ctgaaaacct gtaccaaaaa 660  
 actttcttct tttgnggat gaaggaaaaa aggatgaaaa atganggcct tntgacttga 720  
 nggggcaaca tgcaaggaaa acaacctaaa agcaagnccc caaanttcac nggggcttna 780  
 ngngggcgng aa 792

<210> 1700  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 1700  
 agntttactt cgatactcct acttggttctt tttgcaggat cccatcgatt cgatttcngc 60  
 acgagacatg gngagttatg cntatctgaa attgaaagaa ggcttggttt taaagaggct 120  
 tggagcaaac tgcagcagtn ctttccaaaag gctcctgagt ttccaagttn caaagagtgg 180  
 ctggttcaca gtgcaggatt ttagaaaanga gaaggggaaag aaaatgaanc cttacataag 240  
 atgattgcaa acgaaccaaa agacttctct cccaaatttg ttccaggata aaaaagagacc 300  
 gtgtctcagt aactggccag angatacgga tgtcctctac atcgtgtctc agttcttttg 360  
 tagaagagtg gcgggaaatt tgntagaaaag cctacaagat gcagccctgt gtcacagtt 420  
 ggggaacagt gctcttttgt gtccccacng gggcctcatg tttacatttg cttccatgac 480  
 caaagaagat tctaaacttt atagctctca tatggcccaa tgagtgggca aatgatacaa 540  
 aaagctcttt ggtgtggatc atgtaattna aaatcacgag aattggaagt gggagatgtn 600  
 aacccttcag aaacacagta tatttcttga gccccaactc tgtccanaat gcnaaanaag 660  
 gcttattgtg tcagcagcag anggacctgc ttgaatcact caagcccca tctattgtcc 720  
 atnaagttgt ggatnattaa aaagggtgatg aaaggattcc gcttccgaa 769

<210> 1701  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens  
 <220>

<221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 1701

ngttgactnc	gnatactcac	ncttngttgt	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggttc	agtgtctccc	gggattactc	tggctattca	acgggatggg	tntcagcaga	120
attcaagcga	ggctctgggc	agagtggacc	acggggagcc	ccacgaggtg	atatattgtg	180
gtggtgatcc	tagctcctaa	gtggagcttc	tgttctggcc	ttggaagagc	tgtaaatagt	240
ctgcatgtta	ggaatacatt	tatcctttcc	agacttggtg	ctagggatta	aatgaaatgc	300
tctgtttcta	aaacttaatc	ttggacccaa	attttaattt	ttgaatgatt	taattttccc	360
tgttactata	taaactgtct	tgaaaactag	aacatattct	cttctcagaa	aaagtctctag	420
ttttcaagac	agttttataat	aaactcttaa	gagaacattn	tnnaaaaaaa	aaaanannna	480
nannnaanna	nnnnaannna	anncctcgac	cctntaaaac	tatagnagat	ccgttttccg	540
tagatccaga	cntgntaaga	tacattgatg	agtttggaca	aacccccaac	tagaatgcng	600
nggaaaaaaa	tgcttttttt	gggaaatttg	ggaagctatt	gctttatttg	gacctttttt	660
aagctggcaa	taaacaagtt	aacaacacca	attgccttcc	attttatgtt	ttcagggttcn	720
gggggngtn	tggaanggt	tttttaattc	ccggnccggg	gc		762

<210> 1702  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 1702

nttnatnctg	tctccgcttg	ctgcntggcg	gacctcgat	tcgaatcgcc	cagataagaa	60
atgtcttgcc	taagattaaa	tntntatgga	tatttttctc	aagaaangtt	ttagaaaaga	120
ctgatgagtg	tatttctatg	taattggaat	atatttaagt	tcatgccatg	tgtcttggtg	180
tttccttatt	accaaaacgg	tgactgaaga	aacgcttgct	ttagaaatac	attgaattgg	240
ccaggtgtgc	tggctcacac	ctgaaatcac	aacacattgg	gaggccaagg	cagaaggatc	300
acttgagccc	aggagtccga	gcctgggcaa	catagtgaga	ccctgtctct	acaaaaaatt	360
aaaaaattag	ttggccatgg	tagtgggcgc	ctgtagtccc	agctgcttgg	ctaaggtgag	420
aggtttgctt	gagcctggga	gggtgaggct	gcggtgagct	atgatagcac	cattgtattc	480
cacctgagta	acagagaaaag	accctgtctc	agaaaaaaa	aatacattga	attggttcct	540
gatgggaaag	taaatactct	catgcccagt	taggagtggg	tcagggnntt	taatatgcca	600
ctttttcttt	ctcangcaac	tcatgcngca	attncagaac	cccgaacttc	caccgagtag	660
aggacaggat	gccacacctg	cctgtgtctt	gtgcctggga	gagtggtgatg	aaaccncag	720
acaanctgt						729

<210> 1703  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 1703

antnnnnant	nntaagtg	gntntannnt	tttanancnn	nntatnanant	nagggggaga	60
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taaatnnann nccttcnga atgggtncng agctaggaaa aagntccatg ctatgtgnag      120
aacgaggtgn gngatgcaga agcctggntt aatgggacca acctagctgg gcagnntttt      180
gtggaatgag cagttgnaga ntgaatatag ctttgatntt actntcnac ctgngttgtn      240
nagcacgcta cagttgtnga gatcaacagt catgtggtgc acaggtngga tggtaaattn      300
naganntttg nntatagagg gaaagnttcn gtggttgaga gttacagacn tgcnaaggga      360
gtnctgnagn caaanacctn gtanattgat aagccattgc atcattacca aaaatatgga      420
ccgcanggaa agcnataaca naanttggtg gaggaactga annggantac ttgaggaaaa      480
ggnttggtan ttgtantana actgtncacn attctttttn tttaagagcn ttaanaagag      540
gatggtntaa ancacaatgt tnttttaagg gagantggn anantaaagn nnaaacngga      600
aagaagtgtg anagantcat tttgncnaa gaaccggaan acaaaanata aangntngat      660
ttggtcttac nnaccnaann tgagtgagan aaantcntgg nanaaagaaa gaatgatngn      720
ngaaaagcaa aaaaanacaat ggacn                                           745

```

&lt;210&gt; 1704

&lt;211&gt; 670

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(670)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1704

```

cgactggtca gggttnnnct caggaagctg agttccagct tgtttccttg gcagcactgc      60
caaagagtta gaccaagctg cagcttttga ggtgaaaggg gatggaagaa agtactgtta      120
cttttccact tagaattttt ggactttgtt cttaatgaat aggttcattt tcaatttcaa      180
agcaaaagtgt taacattttt gaaatttgc tcaattctaa aggccaaact taaatatgtc      240
tcctcctact ggggcatgga gcaagttatt catcaaatac agattctcgc atggaaaaga      300
aagctaggat agtgtgtcgc tgctgctctg tggcaaagaa cagctccttt ctaagcaaca      360
gcctcactct actagaatag gtctgagcgc gccattcat ggctgattgc aacttccact      420
gggtgggatt tcagatctag aatctgtttt cagatgcctt aaagagaaga catagaaaca      480
cattcttaac agtttcaggg gagatagttg ggatagtttg tagttttgct taggttatat      540
gtgtctgttt tctgcttttg gtgttaacgg actaaccctt anttttggtg gttagagaag      600
tgatggggaa gaacataaag aaagctcaga tgacattgnc tttgctttaa atgtgtagtt      660
tttctctcnn                                                                670

```

&lt;210&gt; 1705

&lt;211&gt; 1228

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1228)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1705

```

gntngacant tnaataagan ggggtnatna nngcatttgn aannccnatn ncnananta      60
gnnggggtatc nntantgtg nnnanacggn cgngaanttg ntgggagnta tctntatta      120
nttttccnct ttttantnat cntnncctng ntggcnntnn tantnganga ntaagtntan      180
tcatccnct accncncatg gcgttttctc tnttcantat tatctnngtn tnactttnan      240
gntantaant acataatnct nttactnttn caanncntgt tttnaannat tntcgnantc      300
ntgttnagnt cncnngtcnt aaatgtnnnc aatatgctan tagattnttc gtataanagn      360
nntnnttttt gatntnatta tngangnnnn tanattannt nntannnttn nangtacnan      420
aatntttagt nattncnact nttctnataa nnnntnatt antnaantta aagntactcn      480

```

```

nactnacnng agntcntnac nntnaacaag tnnctcntgn atnacctnat tcttnttctn      540
cnattcttnn anatinngtaa tcaanacnet nntctntctg nntatannc gaataaatan      600
atactnatgn ncngctntac nntcngtatt ctcatanang gagtatntnt actatntntn      660
canngtgann tgcacatncn tcatgcncn atangtcana tnnanatatn nntacnactt      720
gnacnattnt cnttnacgan nntctctctn acacatagta tcantatnga natcncntgn      780
tanannataa aantegntnn attnaggtcn nagaangcaa tgttacatgn tcacnaatnc      840
aatctttctc natatgtnaa tctngttnnt nanantcttg ntcaatanta actnnatatn      900
aatattctgc gtnttatcgn atnactnanc ngncatcgat tagngggnac tcngnnnang      960
acacganacn atgaatgang tntntntnta gtgtantact atattacgta nttntataa     1020
agtntaatgt cagacantat ngactaaang ctgangctct ttggattcca tanganncac     1080
natanctgag tatattagcn ctcacgcga nttctgaaaa tgaagntgta tnacgaaatn     1140
cgattgnaan ttctctgatn ntggattaaa ttcatatnta atggacgtnt nttanaatan     1200
catcantntn taccatgnta cagatgcg      1228

```

```

<210> 1706
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 1706
gtttgaatat canatacaag ctacttggtc tttttgcagg atcccatcga ttcgctttta      60
gccaagggtca cctccgaagg tcttgggacc atgggttttg gaaagaaaat aatatccagt     120
tcatggaaat cctggtnctt ggttcttttg ccctggaagg ggggtaaagt ggacatcagc     180
agcatgggttc attccttttc ttggtcttct acctgttctc cacaaaagta taaaaagcca     240
gaattgcttt ttgggttttg agatggcatt gtcttccatt tgcaaaaaac agtttataag     300
acaaataata aagaaattga aatgtttctg atgggtttcaa aaatgtaaac ataagccaga     360
gtagttatgt ctcaacatca tctcttgcca gccggcagct ccttttcttc cttgatcttc     420
taaatgtaca ggggaagaca gctggcagcc tgtcatgttt caaaccttca ttaaagtctc     480
ggattttggc ctcttcgttt tcccctagat gtcattaaag ctgtcagcac cattgctgtg     540
catgagaaag aggagagtct ctggcctagg gtggccgctt ctccacattg gcaccggag      600
tcctncatgg ggcgangctc cgcagctctg aggtccgttg atctggagtc ccggaagacc     660
acgtacacct caanatgtca gtgacagtga ggaactganta accctgcagg gnctaanatg     720
ccaaaccctt ttgccttctg ctgtgcttgc ggcgggcttg gggcttttgt ggacaccccg     780

```

```

<210> 1707
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 1707
gtttaatata natacaagct acttgttctt ttgtgcaggat cccatcgatt cgaggccagt      60
gtgggacagg gttgtgtagg tgtgcctttt caaacacatt tattattcag aagtgggtgc     120
agataacgct taagattaca ccgaagaatt tagggagggt gggggatgaa ggtctgttag     180
taaccagaaa cacattagtt gggcatcagt aaggggcaac ataaaggaat ggttccccctc     240
aaaaacgaac aaaccaaat ttatacaaaa aaatgaaatg cagcagggcg cgatggctca     300
cgcttataat cccagcactt tgggaggaca agacagcgga tcatttgagg tcaggagttc     360

```

```

gagaccagtc tggccaacat ggtgaaacct catctctact aaaaatacaa aaaattaagc 420
caggcatggt ggtgggcacc tgtaatccca gctacttggg aggctgaggc aggaaaatcg 480
cttgaatctg ggaggcggag gttgtantga gcccagatg gtgccactgc gctcaagcct 540
gggcaacata atgagactct tgtctcaaaa aaaaaaaaaa agattccact aaccntgtta 600
agctaaaagg aaggggctct taaaaagaca cagatnttag tgacttaatt ttaaatactt 660
gggtttacct ttaacaaaaa agttcanttt ccccaaacct ntttctgctt cangnaatga 720
aaaacattgg caaaccccaa aacantggna atagaaacct tggcnttaaa gtcttcccn 780

```

```

<210> 1708
<211> 922
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (922)
<223> n = A,T,C or G

```

```

<400> 1708
angnnttttt nnaaaaatth atccaanaaa atnaccaaan gccttnactt ttgggttttc 60
tttttttttg gncaaaggga aatncccccc aatccggnaa tttccggaaa aatttcccg 120
ggcnaccggn aaggggtnc aacttttccc ggcggttca aaaccccaaa gcctttcctt 180
gggttggncc cttgggcccc aagttcccng gggggggccc cccctttccc ccgggttttc 240
ccaagcccca ttggcctttt ttccgggccc ctttnggccc ccngggnctt ggnccaagcg 300
gcttggttc tttccggncc ggcaagcctt tcaagcaacc ctccggcccc aagcgggttc 360
catttggtt ttgacgtagc tnaatctcct ttgcagcctc cgtgtgaagt tgtgcgtgaa 420
taaaagaaat cgtatacttc ctaattccat agtatggaca aaccgaggct agagaactgg 480
gccagggtta cagtcatttg gccagaggat tagaattcag cgcttctgac ctgaagacgg 540
cttcctctta aacttttttg aggatctctc ctgctgtggg cggactgagc ctgccgccag 600
gtgtcttaac agtgcttgac ttggcccgcg accacttaag cctaggagcc taggctattt 660
tagccatctt ctagaatggt ggttcttaaa ctctgcagtg tgtcagaatc accagaaaagc 720
taataaaaaa cagacgtctg ggttcattga agaagcttaa gactgcgggg ggggggtccgc 780
atttttacca agtgaatcta attaaacctt attttgagaa ccccnnnnna aaannnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnncttttn aaaanttttn nn 922

```

```

<210> 1709
<211> 900
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (900)
<223> n = A,T,C or G

```

```

<400> 1709
ttgaaagact ttacaaccnc ttgctctttt tgcangatcc catcgattcg gatagcaaaa 60
cctgattttt caaccatgac ctgcatgaga gaacatccta agaagtctta gatcatactt 120
tcgagttttt aatnttaatt tatataantg cntctttatg tcttaatatt cttgtgaact 180
ggngtntatn gtnaatgcnt ataagcttgt gtnattgntg tnaaatantt ttgngattnt 240
atctcttgcc ccatatgtaa atatttagag tctcatttct tgcnaactta tttgaagctg 300
agnctgggt ttgggntntg tttgctnctn tggctgcagg ntgggntggn ggggtggcatn 360
ggganggang gaanggatct atagtcctnt gacatggttn atttntntgn nnanaaaagg 420
ctacttgctc nctgcaann nattctcnta acattcacan ntntttccnn ggtnaganca 480
taanntctt nccnnngant gcctataatn anctcnacca cnttttggcc tnnatccnnn 540

```

```

gngcncancc aangatgtgn cnnntggctc taacnactna antntggact cacttntnan      600
ancccttata attccccctg atttnttggn cctnntacca tnnntntnna nnganntatc      660
ttttanaccc tntcacngct ttcggcgact tcagagcatn cttctcctna cntcnnnac      720
ccnactnta ctttcatgnc cacttnctng naantgaaat ntaacttctc cnaacgtntc      780
cngncctcn tgnantttga acnnggcnat cattggctcc aantnctcc ttttactctn      840
ttntcctcca tantatacnc tnggnnaant tcggctggat tantccanac tntcctccg      900

```

<210> 1710

<211> 673

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

<400> 1710

```

tcngcacgac caagctgatt cncattctg aaagctgagc tggaaagaac caaagaggaa      60
aagcaagagt taaaagagaa actgaaggaa acagagacac acctggaaat gctgcagaag      120
gctcagggct ttggcaaaag ttacggcgct acgtatccac gtcagctatc tccttacttc      180
tgtctccctt cacttggagc ttcgtgagat cgggtatgac tcagaacaag tggatgggat      240
cctgtacagc gtgctggagg caaatcacat actggattga gcaccagact gtataccctt      300
ctcttctctt atcttctgtc tgttctcttt tctctccctc cctcacgtct ctctctctct      360
ctctctctct ctctctcacc ctacacctta tgctttatat agagaatctc tgtgtaaatc      420
ctggctcata atcagtctcc tttttatcag ttttgggtgt gagaaagagg ccagtttaaa      480
taggctttca agagtctagg gtcagaaaag caatagtcac taagctaggt gacctgaaag      540
ctttaatttt catgacctgg atatgtggtc tattgtatat ctttttctga aatgggttgt      600
attcatttag gttagacaat cagcagatat tgggtccngt ataccaggta ttattttggg      660
gtaagctnac aan                                     673

```

<210> 1711

<211> 667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 1711

```

ccgagaggac agannnnnnc ccccntggag ggaatttttg aaagtaaagt gtatgggtta      60
gggactactg gacatactgg gactacagtt tggtaaatga gcctgaagtc ctggactaag      120
tggtaagttc catctggctt ttaacaggt agaattgggt tgtttaaaag ggagtttgtt      180
gggcggagga ggtgactggc gaggaggcga gaaatgataa gctataggcc tacaagagct      240
gcttagggga ttggatactg cttctgtgat aggaactggg tggggatttt aagggtaatg      300
cagaaggggg tgtggtgttt tgcaactgag ggtgtggaag tatctcaaaa cagcgggggt      360
aaccatggat gggggataag gaaaggttgc atgttttang gtgggaggtt gcaggagtag      420
aagaaagtta gaagccctgg aggggtctcg gtggatgcgt tgggtctagg ggaacgtggg      480
agtggagagt ggtgtggagt tttgaaagca tggctctgcc taagagtgga gttgggcatg      540
aggccaggag taanaatgag tgaaaggaag ccgggcgcgg tgctcaagcc tgaatcccc      600
accctttggg aagcccgagt tgggtggatc atgangtcaa gagatcgaga ccatcctgga      660
taccctcg                                     667

```

<210> 1712

<211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(786)  
 <223> n = A,T,C or G

<400> 1712

ttgnannnnnn nnnccnttac aactcttgtt ctttttgcag gatcccttcg attcgaattc	60
ggcacgaggg gaaaataacc cagttttgat cttttttagt ctgggtgctt actggatgtc	120
aaggtagaaa gtgtccaaca aggtgcttta actataggtt ggagttctca aaaangttaa	180
agagggtaga gttatagtga catcttcagc ntatatagta gttgaggcca gtggaaaatt	240
tcccattgag agctctgaga ggaaagtgtt tagaagccaa gggaaaaagg agtattgaga	300
aagcgttaga tatcacagaa aaattagatt ggtgatttct aagacaagga tataaccggt	360
aggatgtcat tgacctttgt gggagtaata atggggacag aagtcaggtt ttgctatagg	420
ttgagggtgt ccaatctttt ggcttccctg gtctactttg gaagaattgt cttgggccac	480
ctataaaata cactaacact aaaggtagcc ggatgcgcta aaaaaaacga atcacaaaaa	540
aaatctcata atgttataaa gaaagtgtac aaatttgggt tgggctgcat tcaaagccgt	600
nctgccacat gcaacccatg ggccgcgggt tggatgagct tgctgtagat taaagagaaa	660
ataagaagtg ctgaagcnag aaaagtcata gagtagatgc tagccnttan ggccgaagta	720
gtagttgaag ttatttgttg gctcatgtca tagtgngaa gaagagaaag aagaacttta	780
gggatg	786

<210> 1713  
 <211> 769  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(769)  
 <223> n = A,T,C or G

<400> 1713

agttacttag ataaagctac ttgttctttt tgcaggatcc catcgattcg ctggtgtcca	60
tcagcacctc cgtgatcctc atgcagcaac ctggctgcct gccagctact gtggacctgg	120
ctgcacaagg ccgccgcca tctgggctgt tggcaanaag gtggaccag cgctgtgctc	180
caaacgtggc tgcagcaccg gtgggactga agaattgcag tgggccgcag ggcgtgctgg	240
tgaagcacia gcaagaacgt ctacaaagcc cgtaggccac tacaacgtgg ctatccctc	300
tgacgtctcc cacttccgct tccatttctt tttcagcaaa cccctgcgga tcctcaacat	360
cctcctgctg ctggagggcg ctgtcattgt ctatcagctg tactccctaa tgcctctga	420
aaagtggcac cagaccatct cgctggccct catcctcttc agcaactact atgccttctt	480
caagctgctc cgggaccgct tggatttggg caaggcctac tcatactctg ctagccccc	540
gagagacctg gaccaccgtt tctcctgagc cctgggggtca cctcaggga aagcgtccaa	600
gcttcagcca agggcttcct ggcaangggc ttgttgggta gaaagtgggt gtgggggggg	660
acaaaaagac aaaaaaatcc accaaaactt tgnatttttt ggtacgtact ggttcttttg	720
ataaatggat ggngataaag gaaaaaagtc taatttttat actcccaaa	769

<210> 1714  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 1714  
 ttnnnnnnn nntcatttac aacccttggt ctttttgag gaccctcgat tgaattcgg 60  
 cacgagagga nccaatactg nctttnnnta ntataccaaa anactanntn tatnaatggt 120  
 gntaagggtg actggnacaa cttttgcttg ttttggtctt ttctctgctn tttngtggat 180  
 ntgangggca gaggcgcnc ttttgntcgt gttntncntg gnnnanatnt tttannttgt 240  
 ttggtgnntn anaaagtnat tggnttcgcn cggnatngag anggaggact gntctgatta 300  
 tntngcnatg gganattgag tttantagga aaattgagag gataaaaaatt atgatgnnan 360  
 acctcaaann cccgtgaagg ntanaacttc tnatncatct agagcaggag actggcatgt 420  
 tgaaagactn ataacagntg gtctggtgat acttgatctc actagggctc ctctttcgct 480  
 catgcncttg agagacactt tatcaagacc tgnngtggtg catgcatngt nagntctgnt 540  
 gagagtgate tgaaatgaga tacgaagaca ggtcatgtac tggcctccac gccncatngn 600  
 agtttggtat ttatggnagt gnacangann acattggcag ctgtagctgg tgatggcann 660  
 attnatttgt gctnacaang ataagctggt gcagcgctna tgccgtatgn caccncttgg 720  
 gagaccatna cngggacacn caattgan 748

<210> 1715  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 1715  
 ntnttttnc aaactattgt tctttttgca ggatcccatc gattcgctcg cgcaatgggc 60  
 tgctgtgga catcaccaag tgccgctgc cnntgtcaac aaggacgact ttgccctggt 120  
 ccagcggcct ggcccggtgn tgtntncngg nggcgccccg cgctctggtg aactcaccaa 180  
 gtcatacgg cngcagcncg agatgtggct gnccactcna accaattnac ccgctggggn 240  
 anattactgg aacaccaagt ttgaaaagtt ggcgaggagc tgtaagcgga gcatggacat 300  
 tctgaagcaa gccttcgtcc ggggtctccc caegccacc gcccgctttg agcaaaggac 360  
 ctccagcgtc atcaagatct tccctgacct cagcagcaac gacatgctcc tcttcacgt 420  
 gaagggcatc aacttgccca caccgccagg actgtcccct ggcgatctgg atgtcttgt 480  
 tcggtttgac ttcccctatc ccaacgtgga agaagctcag aaagacaaga ccagtgtgat 540  
 caagaacaca gactcccctg agttcaagga gcagttcaaa ctctgcatca accgcaccac 600  
 cgtggcttnc gaagggccat ncagaccaag ggcatacagt tcgaagtggg tcacaagggg 660  
 tgagctagaa agagccatgg ccgctgggtg ggctccangg ganggggaagc tcttntgaac 720  
 caaccatnct gtcccactat acacacatgc ccacangggg cttgttcaaa aat 773

<210> 1716  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 1716  
 aancccatc anctcttgtt cttttgcagg accctcgatt cgaattcggc acgagataca 60



tggaagtctc	aaatctgaat	ttttatccat	ctcaatatga	ccatttctct	ctgttgtag	120
ctgaacagat	taagtntntt	tttggccgtt	gggggatant	ttggtctatc	tttttctgtc	180
ntnngnnctt	natttnnaaa	aattattaaa	ggnggntgt	ggntcttccg	tcngttggnt	240
ttntnaagaa	tattccataa	aatgttttat	ctgccataca	aaattactgg	gtttatggcc	300
ggatgtggtg	gctcatgcct	gtaatcccag	cagttcagga	ttacaggtta	tatacaggtt	360
ataacaatgg	ataccaggac	atcagaatat	ctgataaagc	aaatatttat	atgctaattt	420
aaaatatcaa	attgctactg	gacataaaat	acatctggaa	gcttggggta	agaagaaaga	480
aaagaagtgt	tccgttctgt	tttcaactaa	gggtaaacga	agtcccagag	tgttttccct	540
gtaggtcaaa	ttaangtaac	atgtctttat	ttgatcatct	attgnacacc	agatcctggc	600
taagggtctc	cttttttctc	atgtagtctt	ncaaatgtct	ttgataattg	tcactatatt	660
atagatgaca	aagtgaagac	ttacgagaaa	ttacctttgc	ccaaggntac	accacttana	720
tggtctgcca	aggccgggga	anaaccctcg	caaatctggt	cttgna		766

&lt;210&gt; 1717

&lt;211&gt; 1040

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1040)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1717

gnnttgannc	tattgaaccc	ttgtntttng	caggaccctc	gattcgaatt	cggcacgagg	60
annctctnat	gcactgnntn	gganaacnng	ntntttnnnc	ctcnnagcac	anngnnacng	120
gnaccaaccn	agatgcntcc	agctgntnct	ttgtgtaaag	ntnttgtngg	ggtttggttg	180
tcttttgttt	natnnanncc	tnncttngc	ccttccccct	gnnctttaat	tnnttgnnt	240
tantnnntc	ccctnngng	gngganggnt	tnaantntna	aanccccccc	accatgttgt	300
cgatggnccc	taggattcga	ataatcggct	cgagacacac	catgggggca	tagggaattc	360
tctgggtggg	ccaatggtca	angctttacc	naatcccccn	agggtcttca	tnggcttggc	420
gcaatcccca	nataaanggc	ctngnactcc	aanataatc	cataaaataa	taaatggccc	480
ctggggncnc	nttttactgn	gtanaatnan	atggggntat	ngtggnggt	agcactggta	540
cntaactaag	ggaaaccgan	taacaccaca	aatacccccc	ccnaaaantg	gccttgtagc	600
tatccnaatn	cancaaaacc	agtggtgnaa	naaaccatga	ctnnggcgac	gnctcatggg	660
ttncacaaat	caataccgcc	aaggtcgtat	tangaacttt	tgccacanag	ggtgngaaca	720
gtccngctta	gggaaatgan	naaagaactt	gacagggcca	tcagttncat	tggnaaaat	780
ggcatgggga	atnccagtac	ccangtttct	ttgaaccena	ttttncncn	cntttttcag	840
gggggaagta	attggcgtgg	ttttttgggc	ctcaananaa	aactttnttt	aaaaanagnta	900
aagggtacc	aagggaaaaa	gggaaaaaaa	attggtttta	ggggcaacna	aaaaaaaggc	960
ctttaaactt	ccttgggaaa	atnggnnacc	tanaatttca	atcaagncca	aaaaaangga	1020
antttntttt	aaaaaaaaaa					1040

&lt;210&gt; 1718

&lt;211&gt; 919

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (919)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1718

ggtttgantn	cctttacaag	ctactgttct	tttttgacag	atcccatcga	ttcgctcaaa	60
gaaatccaag	acagacaact	cttctcttan	ttnaccatta	attcntaagt	tntggggctc	120

```

cgtncaattg aanagtcttt gaggggttcg ccnttcaagg ggaanacttc aaagattcca      180
atcttctga agaactnta gaagaatgat tgaagatgat gtcgccatt aagctgcccc      240
ttacctttac ttctctaaaa aaggccacc tgcagnaac ccaagggaag cacagtgaaca      300
agccttttga aggcaaang gcagaagcca aaggcattct tgaatgggac aagaaattcc      360
acaggggaat ttccaaatct tnccaaaaaa aggactggaa gactttcttn aaaaaccaa      420
aatggaaagc agatgacttt tgtttgggat antnggccaa aaggcacgca gnaaagatga      480
caccgaagcc cccacnggaa tttcttggg ggtncacctt aaggaccctt ttagttaaaa      540
ccntcattaa aacanttttg gccttntctg cnagccctt accaccctt aatttggcat      600
ttnttacca aaaggaaaaa acccaaaggn accngggggg angggaacaa aggaaaggga      660
agnccgnccc cctnggtccc ctngnggnt taattccttc cccaaaaaac caggccttcn      720
ggncctttcn tcnttcttaa gggggaaaaga atttggaggc ntctgttctt tccccaaaaa      780
aaaaaattgg ccgaaagtgc tttggttca aaaaaccgcc ttttgnact ttnttagagg      840
ccccaaaaag ganggggggg ctttctant ggcttgaaa aaacaaacgg gaaggaaatn      900
ttttgaaaaa aaaaaaaaaa

```

```

<210> 1719
<211> 1188
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1188)
<223> n = A,T,C or G

```

```

<400> 1719
ctttttgggc ccnntttaag tgnaanancc ctnaagntgg gaaaaaaacc ccnttttggg      60
cnaaaaaaat ccgcgnagag ngaacacaga gaangggacn aggagannna ncncncngga      120
gacagacggn aaagggngga atganacata nngaaaagan ggggtaana aanggagaag      180
agcctttttt tttttggnac atatntntnt nagagangag cngcgnngna nagacagnga      240
agnaaagnggg gggncannac atntgggggg gggggggggg ggggggncaa caatatgcca      300
cannnaatnn nttacanna nagangaatc ncaganagcc agnaaangng ngacgagtna      360
gcgaanncnt gagacanata gagagaanna ananagngcn anacgaagna ggaggagcn      420
nnnagtaana atgnnanaag atgntagnng agangggagg acacngngna ngagaantan      480
cngnnaaaaa naatacgaaa gagagnggga aggagaggna nanngganga ngaganannaa      540
aaanatangn ntaannanaa ngancnggnc gngnagacng ggagaantag aanngggang      600
nanngaagng cganacaanc gngnnaacag aatgaggagn ngaagnanat gnncaanaa      660
ngtngtgan agannnagag ggaagagaan aggnantntn angacganan gnnancnggn      720
gagatggaan gnggcganac nnnncagaga gaanggancg ganaagnann naagnaagga      780
cngacgacga annancaatn agnagaacnc aacgttagca gaaggtagnn gnacacggcn      840
nnntanagga anagngtac aggtntntta nnnngnntag aggaaaanga ggancntgcy      900
ggacgagcgt agnnagaaag agagagtncg gnatngngga nnaaggagna angagntgat      960
gtacgganga gngnggggac ganggggaan anacangnna gaaatannga aagagagaga      1020
agcgnnnata agatnaagna gctacagaag ngaatgtcat gngatgcacg ggatagnagag      1080
ntgtaaacga canangaanc agacgntagn agntgnatan tcagaaaagg gnggnngnga      1140
nnancnggac gngggagngn aaatgatgaa gngngaggga naangngn      1188

```

```

<210> 1720
<211> 788
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(788)
<223> n = A,T,C or G

```

```

<400> 1720
aannnnnnan cttttttgtt cntttgcagg atccctctnt tcganttcgg cacgaggcta      60
aacatcaaaa acagatctgg taggggcggg gaaaatgagg ggaagaaac aaaaacgtga      120
tggtgcctca tgctgcttaa aatcttcagt acattgatgt tttgatggcg gactacataa      180
gcgttaaaaa ttgtgttttt cagatcttta aaataaaga cagtgccttc agtgaataaa      240
aaaattagtt tgaagatat ctggagaaat cgcattcata aaacaattgg aagtgaact      300
attaaaacaa tagggctttt taaaattaaa aatatttaa attcaaaagt aattaatagt      360
gttggaagat gtaggtgaga aaatattcct gaaagtagaa ctgaaagaga caaagagaaa      420
agatgaaagc cacagaagat aaatacaggg gtcaaaacca gactaacagt tttagaaagt      480
gaaaaaagtt aaaaaagaaa tgggggcagt ggggtattag aaataacata aatggctggg      540
atggtttgtc tgtgtctccc ccaaatttca tctcgaattg taatcccat aatcccatg      600
tgtctaggga gagacctggg ggggangtga ttggatcatg ggggtgggtt ncccttacga      660
tgttctnctg ataggtgggt ggagttctca caagatctga tggttttttt aaagggctct      720
tgcccttcta actcctcact cttttcttcc ttgaaacctt tgtgaaaaaa ngngcntttg      780
cnttnccn

```

<210> 1721

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(750)

<223> n = A,T,C or G

```

<400> 1721
ggttttnatnc nttacaactc ttgttctttt tgcaggatcc catcgattcg aattcggcac      60
gaggggtggct catgcctgta gtcccagcta ttcaggaggc tgaggcatga gaatcgcttg      120
aacctgggag tagagggtgc agtgagctga aattgcacca ctgaactcta gcctgggcaa      180
cagagtgaga cttgggtctca aaaaaaatta aaaataaaaa ataaattggg ggctgagtgt      240
ggtggctcat gccttcaatc tcagcctccc aagtagctgg gattataagc atgcgccacc      300
acgcctcgct aattttgtac ttttagtaga ggtgggggtt caccatgttg gtcaggctgg      360
tttccaactc ctgacctcag gtgatccgcc tgccctagcc tccaaagtgc cagtattaca      420
gacgtgagcc gctgtgcctg gccgagtaat ttttttttaa aaaaaagcc tctagaacta      480
tagtgagtcg tattacgtag atccagacat gataagatac attgatgagt ttggacaaac      540
cacaactaga atgcagtga aaaaatgctt tatttgtgaa atttgtgatg ctattgcttt      600
atttgttaacc attattagct tgcaataaac aagttaacaa ccaacaattg cattcatttt      660
atgtttcang ttcangggga ngtgtgggaa ggttttttaa ttcncggccg ngcgccaatg      720
catttgggcc cggtncccaa ctttttgnn

```

<210> 1722

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

```

<400> 1722
gttgactaca aatacaagct acttgttctt tttgcaggat cccatcgatt cgaattcggc      60
acgagatgga acatgagatg ggtggccacc accctgggtg tgactatcca gttgatgggc      120
tgccagatct ggggcatgcc caggacctca tggatgggct gcctccaggt gacagcaatc      180
agctggcctg gtttgatact gacctgtaaa tcatccttta gctgtattgt ctgaacttgc      240

```

```

attgtgattg gcctgtagag ttgctgagag ggctcgaggg gtgggctggt atctcagaaa      300
gtgcctgaca cactaaccac gctgagtttc ctatgggaac aattgaagta aactttttgt      360
tctggtcctt tttggtcgag gagtaacaat acaaatggat tttgggagtg actcaagaag      420
tgaagaatgc acaagaatgg atcacaagat ggaatttagc aaaccctacc ttgcttggtta      480
aaattttttt ttttttttta aaaatatctg taatgggtctg actttgcttg ctttgaaagt      540
aactcttttt ttttttttgc agtaactgtt tttaagtctc tcgtagtggt aagttatagn      600
gaatctgcta cagcaatttc taatttttaa gaattgagta atgggtgtana cactaatnat      660
cataatcact ctaattaatt ggaatctgaa taaagngnac aattngtacc cttttttatn      720
aaataacaaa tanaa                                     735

```

&lt;210&gt; 1723

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (757)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1723

```

atnnnnnnan ctcttggtct tttgcaggac cctcgattcg aattcggcac nageggagtg      60
ntggcttnca ttttttcttg ggcaagatgg anaattcnct tcctgnncct ccatcntggc      120
canaatctaa ntntcntnt atgccgggtt tgcttggtgn ttgttatatt tatntgcnn      180
tgctngcnat gtntntntgn tgncttneng aaatgtntgn acttttggn tttcttggtg      240
ngagaaatct acttatttat ttaaatagct tcgacatacc ctgccctcac tcataattgc      300
gggggtggnga gcacacccaa gtttattagn aaaagtntn ctatttanac atatctagaa      360
ntntntgtgt taaatncgta aggaccacaaa ggaagnantc ttntataact gctntttnta      420
ngnnaatgtg agctaacttt gaggtatat ancatatgca ncanagcttg tgaactgaac      480
acttggtggt ccatnaggng tgcaagcatg ttntacttgg ntcnnacta tctnggttcc      540
tgcgangntc ttnaacgatg naaatgttcg ctgttaatga gaagtctgga actnccatat      600
tctcttaaga cattttgcgg cttccagana tactcttaaa tgactgctnc aaagctcaaa      660
gacttgnagc ccnttggtgg antcctccat tagatggaca tgcattctcc anctaccntg      720
ncccatactc agggaaacna accaacactt tcancan                                     757

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&lt;210&gt; 1724

&lt;211&gt; 830

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (830)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1724

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atnnnnnnan ctacttggtc tttttgcagg atcccatcta ttcgacttnn gcncgangaa      60
gccngncaac ttctnggatc tnggaggtgn tgtaaagggn gctcaggntc atcanccctt      120
cagntcgctc anagctgntt ctccanggtga agccttcctt gttgntntat nnggaggatc      180
ganantctgt ccgtgcttgt ctttgggntg gntcnccnct gccggnagct anaactaatg      240
gtgcccttgg nggtccggtc tgaagggaacc aacgtcncaa ccgcccatan natnctcacn      300
nacngcgga ccccnctnac ttccnctnt nacctngaag atnctngcaa aaagctgttg      360
ccagnngnnc caaaaatgnt gtctttgtnc tnatccnang gtgaacngtg ccgntnttnc      420
gtaaaaagg atgggttcac attgtgnaag aaaatggata tctcattggc gaanaaaagg      480
ggannnnnga aggcaagaat cacttganna atcntaaatc tgtggtgant ggaataagat      540
atctctaaca ggctaantct gatttttagc ctttataaaa aatnatantc ngggngngct      600

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ccataacttna nttgtcactt gtnatgcctg gcccaaaaang ccaatgtntt gccatacttt	660
tgggggagcg ggacnntgtg ggnccaaaaa attgcggggc ntttgacccc naantttgna	720
aatcaaagt ccttgctttc aatntaccaa naaantttng gggggggcaa tcttaatncc	780
ttnccttaaa tggaaagggg ctaaaaaccc cttcnttttc cnaaaacctn	830

&lt;210&gt; 1725

&lt;211&gt; 1089

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1089)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1725

agnaaagtga aaatcttctt tttactacan gncttgggca tgggccctgg gcaggggtnc	60
ggaacttctt agganggnat ccccgggggt tnacccggag ncttcgaaa tttcgccctt	120
atagtgggag tttnttttaa ttaacaaatt tccaacttgg gcccgtccg gttttttaac	180
aaacggttcc gttggaactt gggggaaaaa aaacccttgg gccggttta cccaaacttt	240
aaatcgggct ttggcaagca acaatncccc tttttcggnc caagcttggg cggtaataa	300
ccgaaagaaa ggccccggca anccggaatc ggccctttcc caaacaagt tggcgccaag	360
ccttggaat gggcggaat gggaacgcc cccctttaa gccgggcca atttaagcc	420
gccgggccc ggtggtgggt ggggttaacg ccgccaagcg gtggaanccg gcttaacaac	480
tttggcccaa gcggncccta agccggnccc cgnttncctt ttcggctttt cntttccctt	540
tcnttttct tcggncaacg gttcggncgg ggttttttcc ccggtcaaag cttcttaaaa	600
tcgggggggc ttncctttta agggggttcc gaatttaagt ggcttttaac nggnaacctt	660
cggaccccca aaaaaaact ttggattaag gggtggaat ggggttcaac ggtaagtngg	720
ggccatttcg gcccttgga taagaacngg gttttttcg gccctttttt ggacggtng	780
ggaagtcccc aacggtttcn ttttnaaata aagtgggaa cttcntttgg ttncaaaac	840
ttgggnaaca aacaactttt aaaccntat cttcgggggc tnaattcctt tttnggaatt	900
taaataaaag gggaattttt tggncggaa ttttcnggnc ctaattnggg ttnaaaaaa	960
atggaagctg gaatttnaac aaaaaaatt tnaaacggcg naatttttna acaaaaaata	1020
attaacgnt taacnaaatt tccttggang cnggggantt tcttncctta acgccaatnt	1080
ggnggccgg	1089

&lt;210&gt; 1726

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1726

agtttantnc natacaagct acttggttctt tttgcaggat cccatcgatt cgaattcggc	60
acgaggaaac atggggaaaa gttcgtaaac tcttggttga tgcaattcat aatcaactaa	120
ctgacatggg aaaaatgtat ttgaaatat atgaaaggaa catctattgt ggtccctgac	180
cactgcactt tttattacca gggaaaaaaa atcttgtaac aatttcatat cttcaggaa	240
taccagatgg ccagctgcag gcttatagga aggagttaca tgatcttttc aatctgcctc	300
acgacagacc ctatttcaaa aggtctaata cttatcactt tccagatgag ccatacaaag	360
atgggttacat tagaaatcca catacttacc ttaateccacc taacatggag actgggtatga	420
tttatgtggt ccagggcata tatggctatc atcattatat gcaggatcgc atagatgaca	480
atggctgggg ctgtgcttat cgatctctgc agactatctg ctcttggttc aaacatcang	540

gatacacaga gaggtccatt ccaacacaca gagaaattca gcaggctcta atcgatgccg	600
gggacaaaacc agcaacattt gtcggatcgc ggcaatggat tggatctatt gaggtgcagc	660
tggtactaaa ccaattgatc ngataaccg tcaaaaatcc tgtttgtcac ccaaggtcaa	720
aaattgcctn ttcaaggccg ggaacctggc taan	754

&lt;210&gt; 1727

&lt;211&gt; 800

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(800)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1727

gnnnnnnnnn nnnnnnncaa ctacttggtc tttttgcagg atcccatccg attcgaattc	60
ggcacgaggt acagcaggcc ttgatttcaa caataaaatc cgcacctccc ttgctgcgct	120
gcactgcccc cgaggagctga tgggttgagg actggaaatc agaaaacaca caatccagaa	180
acatggttta tctggaacct aggtatataa gatgccaaga taagtcaaatt tcacagagac	240
acattgtaga atggtgattg ccaggggcca cagaggaggg cagaaataag ttattcttga	300
atgagtacag agtttcaggg ttttttgnnt ttggtttttt ttttttcttt anacagagtc	360
ttgctctgtc acccangctg gactgcagtg gcgtgatctt gggtcactgc aacctctgct	420
tcccagggtc aaaagggtct tctgcctcaa cctccgagta gctgggatta catgcataca	480
ccaccacgct cagctaattt tttttgtagt tttantanan atgggggttc gctggtagcc	540
catcngcca ngctggttta attattnatt ttttaatttt tttagagctaa aagtctttgc	600
cctgtcacc cagcttgggg gttcaagtgg catgaatctt aagcttaact ggnaancctt	660
caaccttnc tgggggtcaa agtgaatcgg tccccaacct taaanccttt cccaaagtaa	720
gcttggaaaa ctaccggggg gggggcacc aaccattgnc cccaacctna aatttttttg	780
ggatttttgg gaaggngggg	800

&lt;210&gt; 1728

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1728

agnttnaatg cgatacnagc tacttggtct ttttgcagga tcccatcgat tcgaattcgg	60
cacgaggtgg cgcagtctga gttcactaca gcctccacct cccagggtca agagattctc	120
ctgcctcaac ctcccgagta gctgggacta cagttgaaaa agatcatcta gcaaagcctt	180
tttcccagct acatataagg aatttgaaag tcacataaaa tggtaagaa aatgtgccaa	240
gattacctca gtaattctgg tctgtgttct caggagacct tggaaataaa caatgtgtct	300
tctgtggctt cagcgtcacc tagtgcaggc tgccattcaa caaacgcatt gtcaacagtc	360
aaccaaaaga aaccattggt ccaccatacc ctgaggacta accctgacac agatgccctt	420
ccagatgccc tcaatagtct aactgattcc atcgccccag ccttggggga gaagcactgc	480
tgcttatgca ctccatttac agaaaaacgt tgacctcttg gcgagaatgc aaagaaggga	540
acgcttgctt atacactgtt ggtgaactgt cacccttaca actcagcttg caaccagccc	600
tgccaccag ttttcccaca ctgagctgaa tatcgacat gccatctta gacattncag	660
ccattctga aattccacat cgattcacct gacaaagtct gaagttncan ggcaatttat	720
cttggaagaag cttacctggg aatactgttc att	753

<210> 1729  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 1729  
 agtttnactt cnnatacagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg 60  
 cactgagagat cactcaaaat ttgcatgtga agaataaag cagagcatcg gtagcactag 120  
 ttcagcttct gttaatcatt ttgatgattt atatcaacct attgggagtt caggatttgc 180  
 ttcattctctt cagagtcttc caccaggaat aaagggtggac agtctaactc tcttgaaatg 240  
 cggagagaac acatctccag ttctggatgc agtgctaaag agtaaaaaaa gttcagagtt 300  
 tttaaagcat gcagggaag aaacaatagt agaagtaggt agtgaccttc ctgattcagg 360  
 aaagggattt gcttccaggg agaacaggcg taataatggg ttatctggga aatgtttgca 420  
 agaggctcaa gaagaaggga attccatatt gcctgaaaga agaggaagac cagaaatctc 480  
 tttagatgaa agaggagaag gaggacatgt gcatacttct gatgactcag aagttgnatt 540  
 ttcttcttgt gatttgaatt taaccatgga agacagtgat ggtgtaactt atgcattaaa 600  
 gtgtgacagt agtggtcacg ccccagaaat tgtgtctaca gttcatgaag attattctgg 660  
 ctcttctgaa agttcaaatg atgaaagtga ttcagaagat acagatcnga tgatacagta 720  
 tttccaagaa ancgtccat ctgtgtt 747

<210> 1730  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

<400> 1730  
 gnttnactan anatacaact cttgttcttt ttgcaggatc ccatcgattc gccaaagcac 60  
 acaaatggcc taccatcttt tattcttctt tctagcttct ggagagagaa atgattgttc 120  
 cagtttagaa tgccaggagt ttactgggtg tttgtatttt ttatctgtgc cttaaaaaaa 180  
 ttagattata atgaacaaga catctttatg ttttacaggg aaggaaaaag cagtgaagt 240  
 atgcattttc gaaagaaaag tgtgttggga aaagagagag aggggtggaa cccaaaggag 300  
 aaataaaaaat tttaagtcct tgttgacgta gctggaggaa gtgagcttgg aaatctctcc 360  
 agcgcaatgg ttgctggctg ggaagaaaga tctgacttag acacagaata agctgcttgt 420  
 gctgggtgtg tttgtgagct ggggtgaggtt ttctgtgtcg ctgggcacgt gagggaagtt 480  
 acgtggctgg ggggtggggt ggggggcatt agaagggagt atgggtgtct gtgggcgctc 540  
 gcgtgtgcgt gtatgtgtgt gtgtgtgtgt gaaanaanan agagaaggta aaattaactt 600  
 tgccttatat gttggtttct ctgctanagt cttaaaggaa cttgcagctg cttttttatt 660  
 ggttcaattc cacattctct ctaggattgt tggtgttatt tgggtgatga taaagccagg 720  
 attaanaacc anactgggnc aattnaaan 749

<210> 1731  
 <211> 1116  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (1116)  
 <223> n = A,T,C or G

<400> 1731

ntnannanan	agaggggnt	nnnttcttn	ncnnnnngt	nnagagggg	ggaatannnn	60
tgnnnatntn	gcttcntng	tgtgntgtaa	tnttgaantg	tgtggncggg	ggggggggg	120
ggtgtgacta	attnatctta	tttaaactnn	nntattntta	ataatatact	attncctntt	180
cnganangag	attttntnc	aantngntnc	tttatnnata	gnaggtntnn	tcnnnnanat	240
tnntgtnnnt	aggnntgatt	attanntgtn	aatctgtant	tngtncnngn	antttannat	300
tnactgnnta	gtncattggg	tntnnntca	ntgttagta	cgngnattcg	cgtacgnnaa	360
atnttantat	agtnatatag	tgannnnnga	tntctntatg	tacagtanat	gtnagntcta	420
nncgtgngac	ntatgagngt	gantactnna	ganncgatan	ntaaggtgtn	tactgnngat	480
aactnctcan	gaantcagtg	tgacgangnt	nagcggataa	tanganngaa	tggatangta	540
tatatatggg	acngtttncg	tacgatgtgt	gncagttnga	attagnagtt	agtgctcgata	600
gatagnttng	tntganatnt	gagatagtga	gctattatnn	tatagctcnt	tnnanatgng	660
nagnantttt	nnatatgtta	tattattcnt	tnacngtcat	antgtgtaga	cattagngac	720
tagtnctnnt	angtgngttg	ntnnngtaga	acgatnttgn	tngttgagnt	ttnnnatacc	780
ntaganttan	cattgnntgn	tntgtntnt	annatntatg	atngtatgat	gcagtattag	840
taaagtntnn	anggaannn	agaatnntan	nnncgttnan	ncttantnat	ctttgaanat	900
caagnnangt	ntngnagttt	ntnnngnttc	ntnnaaaant	nannnaatnn	nattnnngat	960
ntttntttat	nttgtnngan	aantngtgat	tngatatgta	tnctgaatga	aattaactgt	1020
tnnnntttta	gnananaatt	antggtaate	nnntgtntna	cncacnatct	ngtgatncgg	1080
ntggacatna	tntgnntggn	gngacntctc	nagtng			1116

<210> 1732  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (748)  
 <223> n = A,T,C or G

<400> 1732

ttgatncgtt	acnnctantg	ntgcntgtgc	aggatcccat	cgattcgaat	tcggcacgag	60
cgccatgttg	cccaggctgg	tctctectga	gtccaggcaa	tcggccacct	tggcctctga	120
aagtgtctaga	attacgggca	tgagccaccg	catccagcca	gaaagataca	tatctaattc	180
tagaaatagc	atgcagtatc	agtcatagta	acagccatgt	gctgacctaa	ataaaaattc	240
ttgatattgt	gtatttaacc	tgaagtattg	agctagtttt	tttgttttgt	tttttggtgc	300
tgaacatttt	ggctctaattc	tttggcttct	tagaacattt	taaaaaatct	atgttttgct	360
atcagccaaa	gtaaatgtgt	tcacactaac	atataagtta	ctaaccttca	ttatacagca	420
aagctaaaaa	gtgggtggat	atttggggtc	ttaatgaaaa	ttgtatcatt	taattccata	480
aatattaaaa	tatttgggta	ccttttaagc	tttttttctt	tccttctata	atggnggta	540
caagttctat	attcattcag	tttaattctca	tttgaaattg	tttaaatcag	agtcagttaa	600
atatttgtgg	gttttttttt	ggtttataga	ctcgagcttt	tcttttacac	agtttttttt	660
agggaaaaac	taaagctatt	anggaaattc	taaatcttgt	tgatgaaaaa	attgggcttt	720
tctttgggata	taattaataa	aaagggat				748

<210> 1733  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 1733  
 agaannatct ctttgcaact ccttggttctt tttgcaggat cccatcgatt cgggctgccc 60  
 cagcgttagc agcctgtacc aggtctnttn cccgctctgc ccacggctgt gtacgacatc 120  
 agaccaggca ctctcagggc cgctctccag ctcaccacag tgtctccacg tgccttacc 180  
 cttctecttc aggccaaagt tgcggggtg ttttattaag acgtccacta gaaatagctt 240  
 gtccctgtcaa ctatgaaata tggtgactag attttaattc ataaccgtaa agttttttaa 300  
 agttttgggt tagtaatttg ttttactaga atgacaaaga agatgtaaac cattttattc 360  
 tgtaggcttt ttactcaatt atgtacaaac cacaaatcag gtactgtatt ttagtgaagc 420  
 attgctttta ttgcaacaga atagcttttg tggctatcaa atgaaatctg taaataggag 480  
 gtggagggca agccatcctg actgagcagt ttttaaccgca ggttctaaag tgtcccgcgg 540  
 agtacagata atattctgga aggttaactgt ttactacgac agagacgtgg cattttggaa 600  
 acgaaactta agatgtttca tggagcttat tttgagaact ttcccatttc aggtttctgc 660  
 attcangctt tacatggtca agttaactca gagaatcccc cactggttat catcaactnc 720  
 tctgaaatgt gaaccttttn naacttgngc tca 753

<210> 1734  
 <211> 690  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(690)  
 <223> n = A,T,C or G

<400> 1734  
 tnnntcnaat tcnngcgaga ttcgaccctn nnnnccnngc ctataagacc ctcttgcccc 60  
 ccctgagcag aggactgtac cttgtaagct aaagctccat ggaatagaga ttcttgaaaag 120  
 gacagattat gaaatggaca ggcaattcct catagaaata atggaaatca atgaaaaact 180  
 cgcagaagct gaaagtgaag ctgccatgaa agagattgaa tccattgtca aagaaagaat 240  
 ttactgacaa tgtgagcagt gcttttgaaac aagatgactt tgaagaagcc aaggaaattt 300  
 tgacaaagat gagatacttt tcaaatatag aagaaaagat caagttaaag aagattcccc 360  
 ttttaattgtg gatagtttaa agtttaaaaa ataaagtctt tgctggggcac agtggctcac 420  
 acctgtaatc ccagcacttt gggaggctga ggtgggtgga tgacaaggtc aggagttcaa 480  
 gaccagcttg gccaacatag tgaaaccccg tctctgctga aaatacaaaa attagccggg 540  
 catggtggcg cgtgcctgta atcccagcta cttggtangc ccgangcagg agaatcgctt 600  
 aaaccctgta ngtggaggtt gcagtgaagc aaagatcacg caactgcact ncactttggg 660  
 caacagaatg agacttaatc ttgaaaaata 690

<210> 1735  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 1735  
 gttganttcn atcaagctac ttgttctttt tgcaggatcc catcgattcg aattcggcac 60  
 gagcttgata tcaatggcct gccatatggt ctgtgtgccg gctgcgtgaa tctcagtaag 120

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agcgccagcc caggcattaa cgtccctccc ggcacgaata gaccaggctt gggccagaat 180
gagaatctga gtgccattga ggggaaaggc aaggtggggg gactgaagac acgctgctct 240
agctgcaacg ttaagtttga gtctgaaagt gaactccaga accacatcca aaccatccac 300
cgagagctcg tgccagacag caacagcaca cagttgaaaa cgccccaagt atcaccaatg 360
cccagaatca gtccctccca gtcggatgag aagaagacct atcaatgcat caaatgtcag 420
atggttttct acaatgaatg ggatattcag gttcatgttg caaatcacat gattgatgaa 480
ggactgaacc atgaatgcaa actctgcagc cagacctttg actctcctgc caaactccag 540
tgccacctga tagagcacag cttcgaaggg atgggaggca cttttaagtg tccagtctgc 600
ttttacagta tttgttcaag caaaccaagt tgcagccaca tattttctct gcccatggac 660
aagaaagaca agatctatga ctgtncacaa tgtccacag aagttttnt ttcaaacnaa 720
cttgcnfaat tcatacaatg accccaccac anncttttt 760

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&lt;210&gt; 1736

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1736

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gnntttgant ncanatacaa gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcacgaggc actcggtaaa ctctgggact ggagccaaga gactgtgaga aatgaccttt 120
ctcatcaagt ttgtcccaag ccaggcttaa attgatagat cgtctagggt tctgtatgct 180
ggtaaagaga ctctgtgcct cagggacagg tctgcaaaga tcattaagaa acagattaaa 240
attagggagc aagacaagac aagagaaagt ttctttacgt tctcccagac ctctctgggc 300
ctataggcag atcaaatctt gcctctagat cagcttgagc aaaatgatgt ccacggtgtc 360
tgagttaggt ttttcatttt tatccctctt atagccatct ttagctgcag gtgcctttta 420
gagttatggt ttttggaact tagggacatt taaaaataaa gaatgattat tgctcatgat 480
gactgngcta atgagtggaa agaacttgct ttttttctt cttttaacta acttagcctc 540
agttaactag taaatgtaat ttttttctt tcttagaaga aaaatattta aaaaaaata 600
gatctggcct ctggcttgct acccacttg gaggagtctg ggaagtctag acaatgtcct 660
angagccaga cccactctgc agtcatttgt gaatgaatta ttgtatcata tgcngncttt 720
tgaattcata ctttgagcca aatcccactt 750

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&lt;210&gt; 1737

&lt;211&gt; 1191

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1191)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1737

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caccnnnac ncaananaan nannnancan nacacancnn anaaanancn nnaacnnaan 60
anaaaccaan acnaannnna cccnccnnnc nnaccacncc taccncacnn nnncccnntt 120
ttttttgaaa aaccctttnn nnnnganccg gnnccacnnc aacaccctc tnnccnnnaaa 180
anncccaacna nntanaaaaa caccatacnc acccactatn tcacaanacc ataacacact 240
acnacatnaa nncntccatn catattcaca atctacacan nctacnnaca canntatact 300
natacacaca ctnatcactc taccctacac aatataaaac aatntctaaa cnannanaaa 360
catacacnnc nnaactnnac ncctaatecn cctcnaacac ccnaancnaa anactacnnc 420
cccatccata ananaaaant acnccnncaa acanccacccn anaaaaannt naantcatac 480

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```

ncctcacaaac cccaccctna aaacaccacc canctnnnna anaccacaca ccntcccaaa 540
cnataacnca cnaanaanaa nannanaaaa aacacaaaca ccanaaanac nataaaccna 600
cnacnacata cncaaaaccc cncaatacan annaannnnn accnccanca cntanccant 660
acncaccnac ctcanncacc nnaccctccn aactccncac ccnancntca ccactccant 720
cacaacaacc ctccccacn cactcanaca ttatcacaca ccncananaa ntcacaacna 780
tnaaaacaca nccactaaan aanaatnacn nacncanaca acatntcanc cacaaccct 840
actnaccncc accaactn tatcaccaca tcnannntnc ctncctncca tccttcnaaa 900
atactcaana taccncatca ctacnccata ttacacnacn actcacncaa nnannttaca 960
ctcactatca cancacaacn tctncacten acactctana cctccnanc ananacaaac 1020
tatcacaacc ananacnata cacacnatnc atatatctca cacancacca natnannnct 1080
anaaccana tntantncac anancantca cnaaactcac tccacttcaa cacntactct 1140
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```

<210> 1738

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1738

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ntttgattcg ntacaagcta cttgttcttt ttgcaggatc ccatcgattc ggttttataa 60
gtggagtctt cagggaatga ttatttgga attaggttt gaaagagcct cagctgtgtt 120
ccacccctc caagaattca ggctgttatt tttcaaggct gccacagagg tggggagtgg 180
aaaatgagac tagtaagtta aaatactaca aagcttgctg ttcttacaga aattcagcca 240
ttttcttga ataaacactt ccatggattg ctgcaagcct tgattaattg ccagaatctg 300
aaatggttgc ttttgacagt tttttccca taggtttttg ttgcttttat ggaagagcaa 360
agttttggag gttcttcacc atggtcagtg acatcatttc ttggttttgc tcttgcccc 420
tctttctttc tgaagcatca taaggattag aatgatcctt gtgttgatga gttctctttg 480
tgacatgttg aatgatgctg tctgtggcac atncaggaaa tgtctaattc acagctgagt 540
ttcagaatct ggatcttgat gtagtcactt atttatagat gatagttaa acaaaagtgg 600
attaaatagc cttaaataaag catttataat gaaataacca aagagcttct atatttgaag 660
ttggataatg ctccnanna aaannnnnnn nnnannnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nncntttcnn cttnt 745

```

<210> 1739

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(735)

<223> n = A,T,C or G

<400> 1739

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gttgacttcg ntcaagctac ttgttctttt tgcaggatcc catcgattcg gtttagtgtt 60
cctccactgc tagaaatttt ggttgttcct gatttttatt ttccctttta taaatgtctc 120
tttggtgaac gttattagac ttacagtata atccagttga tacataagcg aatgaagaca 180
gtaaccctca aacagatgtg tgtgtggcat gtacattaac tgctatcctt tcagcacttt 240
gttttgttga aatggccatt tccattatgt tcaggaaaac tcattttggg aagaataagc 300
aataaatttg taattaatga aatctgggtc agtttttcag tttgtccagg ttttaagaga 360
agttaggcac tggcctagct ttaactgatg tctgttgcca gtgagttgag atcatcagga 420

```

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ttgctctgaa tacatgccag ataaggacgc tgagtaccag cacataggca cgggtgaatg      480
ctgcttcaaa tgggtcaaat gatgttcacc cataaagcaa caagaacatg ttaatgacat      540
acgttgaatg gcacctcttg aagtccaaag tcaggacttt attgattacc atatgaagtg      600
tttcttgga tgcccagcat gtttccagaa ganctgctgg ggtgcatcgt ggggttatcc      660
agcttggnca tgaanggcag atctcaacta tgnatgtttc atctttttaa caaaccttgg      720
catagaaacc acaga                                           735

```

```

<210> 1740
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 1740
nngttgatnc nttacaagct acttgttctt tttgcaggat cccatcgatt cggtaaaactg      60
tatatctgta atatgaatcc cagcttttga gtctgacaaa atcagagtta gggatcttgt      120
aaagggaaaa aaaaaacaaa acaaaatggg agatgagtac ttgctgagaa agaagtgagg      180
gaagggagtt ggcatttgtt gaaagtatag tctttttctc tttttttttt aattgcaact      240
tttactttag atttaggagg tctgtgcgag gtttgttaca tgggtatatt gtgtgatgct      300
gagcttgga tgcaaatgat cctgtcacc caggtagtga tatagcacc agtgaaactg      360
tagtctcatg ccaggcactg tgctagccca ctctggctca ttaaatctc tcctaagaag      420
agaggagaca cagcgtcccc atttgacaga tgcagaaaga ggttccacag gtgtgccttg      480
attctgccta aaacggttnc cggaaacttt cctggtgtgg gcgcttctaa cctaactctc      540
aatcgattcc agaactatta ctctgtttcc acagtgtatc tgtgtctagg ttttanggag      600
gacagttcat tgatgttact taaaaatgct ttccaggtgg naagttcctt aagttttgag      660
gcttcaaatt tccttacagc cattaataac ccattcatga ntttgaaata ctgntctgtg      720
gcttggaat cccaatcaga atggttggtc gaa                                           753

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```

<210> 1741
<211> 822
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(822)
<223> n = A,T,C or G

```

```

<400> 1741
agttgaatnc ntatacaact acttgttctt tttgcaggat cccatcgatt cgccttggtg      60
catgggcctg gagccttggg gggaaactgt ggaactctga gccgtctggc cctgagggct      120
cagcctcagc ctccacatct gcctgttgcg gtccctggctg tggggtctca ggataaggac      180
atagccccct ggaagctggg aaggccccc atcaggcctt gcagtttcta acccaggagg      240
tggccgacag cagtgcgttg gggctgcctg tccctgcaca cgaagccctg gggggtgaat      300
ggaggtcttc cctgtttttg ttagcattgg aggcctgagc agggctaacy cccaaccgct      360
tgcttaaagc gcataaagat gctgagatgg aaaacgtgtt gcatggtgta aaccatgcaa      420
agcccttcca gccagtgcaa gtgatcgagg canacagaan ggaaaccgcc ttttgcaaaa      480
gagaagctcg gctctctctg ggttacacag atcaacccaa actgngcaaa gctcacattc      540
atcccaactt cacaagcttg cctgcattcc tgtttcacaa gcaccctcct tgnccggtg      600
aaccctttct tcccccaact tgaagtgggg ggggcttttc gggccttcaa ggtggggggg      660
tgttttgcaa gacacagcct atttgnctct tgnccctt ggaaacttca ttaaacnata      720
gaacccatgg ggcnataaga ncttgtttcc ttgaannccc caaggttcat tngcaacnaa      780

```

ttaacccttt ttcaacattc ananccaac agttaattgc ct

822

<210> 1742  
<211> 784  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(784)  
<223> n = A,T,C or G

<400> 1742  
nnnntntgaa ctnnttgttn tcnctgcagg atccctcgat tcgagccgag ctggggccgtc 60  
ctgggggatcg gtacagctcc ctgggggtntt nacaggccct ttgtgaaagt tgtgtgcttg 120  
gtcttccacc ccacccaac actgnttcaa atagcaccac ccagatggga gtnncatct 180  
gtggtggcaa aatgctgaca ttttccaag aggtcacaag gtgggagang cctgctgtan 240  
canaagtgtg tgttagagaa acaggggcct gatttagtng ccananactg ggtgagaaaa 300  
atggccanag aaagtgcact gccagctacc agtgtttccg aaaatgaggn tgggatggcc 360  
catttcagag cangacacag tcatncccat agccctctga ggaggggang gatgcttaga 420  
gcaggcattt cttgtcagnt ctgacgtggc angtgccatt gnaacttgtg cngaggagtc 480  
ttaggaagtg ctgccataat tcataaggtc aacancacat ctggatgaat gaaccacctg 540  
aaatgtgtgt gggctgagcc acaggaaggg tgaatcctct tgcttgnggn gctttatggg 600  
gtgcaggttg cttgcttttc cacattctct cattttgctt gaagcagcct aacaaaaggg 660  
agtcccccaa anagctccat gaaaacctta anaaaattca ttttctgna ggaccaaaga 720  
agaccaanaa tttgtntctt ggtcacactg gttgaagctt ctgtctttac aacntgattg 780  
ttct 784

<210> 1743  
<211> 751  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(751)  
<223> n = A,T,C or G

<400> 1743  
agttacttcg atactcctcn tgcattgctg cgntnancnc ttccgatcca attcggcacg 60  
aggtccatgc taatttctag attgatgttt tagccataaa aatgcagtat ttaataatat 120  
tttattttcc aaattatggg aaagcttcag aaatagaaat attcaatata attagtactc 180  
tctaattctt tttctagggt gaaaaatctt tgttttgctt taggttagat tatgttgaaa 240  
cacatctgtg tttcagatgt gttcagagct gaggtctcag ctgaggctcc actgaagcag 300  
gattcacttc caaaataaca gagttgttgc caatattcag ttcttagcaa actactggaa 360  
caagaatctg ttttcttgct gagtgaattt cttgccatgt ggccctctcc aaatgctgga 420  
cataaaaaag taggctgagc acaatggctc acacctgtaa tcccagcagt ttgggaagcc 480  
aaagtaggag gatcgcttga ggccaggagt tcaaaactag cctgggcaat atagggagac 540  
ccccatctct acaataaata aaaataaaaag ctttcattta caatgatggt agaccaaaga 600  
aatttgctct agatcttcac tggagaacat ctgaaaaaag ctggcagctg acaaaaattt 660  
taaaaacatc tgggctgggc ccggtggctc acacctttaa tnccacccc tttggganga 720  
aaggctaggg gatcacttga gctcangagt t 751

<210> 1744  
<211> 742  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(742)

<223> n = A,T,C or G

<400> 1744

tacaaactac	ttgttctttt	tgcaggatcc	catcgattcg	aattcggcac	gagctttntt	60
gnatttttac	gctntgctgt	ccatgacata	tttctaacac	ctttatgatt	attgnncctg	120
cttgnaaaag	ggntgggnatt	tntntgngtn	ctcngntcgn	agaaaaggtn	nntgtgcccc	180
cccttctggg	ggcagtttgn	cactttgctt	tccngtntcg	ngnnctnngc	ntgagatttt	240
ttnaaanact	cccgcangct	ttcacttagt	ttcattgttg	agaactngna	caggncctac	300
tctagctgca	aangaggctg	agaaagtga	cacagcagtc	ctccttatcc	ttggggaata	360
cattccaaga	ctggatccct	ganacagcag	atagtactga	accctatata	tactatgtnt	420
nngcctatgt	atatatactt	gatatggtnt	ggctgctacc	ccacccaaaa	tctcatctag	480
aattataatc	cccaaatacc	tatgtgttaa	gggtgngacc	angnggagat	aattggatca	540
tgggggcaat	tnccctgtgc	tgtcttgaga	taatgagtga	ctctcangag	anctgttggt	600
tttataaatg	cctggcggtt	nnctgcttgc	agcactncat	nttgcctgct	gtgaaangnc	660
ctgcttctct	tgccttctgc	catgaatgta	agtaactgag	gccttccagc	angcngaact	720
gtgagtaagn	nacctgtttc	tt				742

<210> 1745

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 1745

agtttaatan	anatacaact	acttggtctt	tttgcaggat	cccatcgatt	cgaattcggc	60
acgaggatgc	acgggcactt	tggaggaccg	agcgccact	ctgagtaaga	tcatccaggt	120
ggcgggtggaa	ctgaaggatt	ccatggggga	cctctattcc	ttctcagctc	tcatgaaagc	180
cctggaaatg	ccacagatca	caaggttaga	aaagacgtgg	actgctctgc	ggcaccagta	240
cacccaaact	gccattctct	atgagaaaca	gctgaagccc	ttcagcaaac	tcctgcatga	300
aggcagagag	tccacatgtg	ttcccccaa	caatgtatca	gtcccactgc	tgatgccgct	360
tgtgacgtta	atggagcgcc	aggctgtgac	ttttgaagga	acccgacatg	tgggaaaaaa	420
acgaccagag	ctgtgaaatc	atgctgaacc	atttggcaac	agcgcgattc	atggccgagg	480
ctgcagacag	ctaccggatg	aatgctgaga	ggatccctgg	aggttttcaa	ccagatgaag	540
aaatgaatga	aatctgcaag	actgaatttc	aaatgcgatt	gctatggggc	agcaaagggtg	600
cacaagtcaa	tcagacagag	agatatgaga	aattcaacca	gattttaact	gncctctccg	660
taaatggnac	ctncttctgt	aaagcangca	ganccttgat	actcttcaaa	aaacctttan	720
aatatctttt	caagnttccc	acttt				745

<210> 1746

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(748)

<223> n = A,T,C or G

```

<400> 1746
agttgantnc anatacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagtgta ggcacaagat tttcttgcta gcggaatgtg aaccaaaaag tgtagaggcc      120
aatcagtaaa aatattcaaa gccagttttg ttgttttcag cagttagtaa ctatcagtag      180
atgaatattt actaggaaac attggtcttt taaccacttt gggcatgctt cttatttagt      240
atgttcatca tgatttagta tcatgacatt cagcgaacat ttattgagtg cctactgtgc      300
actagggact agtaagcatg ttaagtttgt aagcttttgt gatttccacc acaaaacctt      360
aggacctcag gttattctca taattgagga aactgagatt cccagtgttg aatgaaagcc      420
acacagtatc acatggccaa tatcatgtga ttgcagagtc aggactcaaa cccagctctt      480
aaccaccacg ctatactgac ggccctttcc cagttcacag ggaaaattca ggaacaggga      540
gagaatttca aaatattaaa gtttcccatc agaattttct gaagaacttt gggatatatg      600
tgccccttgg tcactaaciaa gttctagcag atgacagaa aaatgaggaa gtagctaatt      660
aatattaatg aacaacctca gaatttttct gagtgtggaa tagacttgga tattcaacag      720
tctcaaatat ttgaccatt taatggac                                     748

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```

<210> 1747
<211> 737
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (737)
<223> n = A,T,C or G

```

```

<400> 1747
gnttgantac gatcagctac ttgttctttt tgcaggatcc catcgattcn naaacttctt      60
tgtcttttga atagtgtgcc tttaatagaa cacatatagc atagtcttag ggattagagt      120
cttctgactt cattactatt tttacagtaa tttatatctt ggtttcttca attagaaaaa      180
aaaatcgggc ctgatttttt atttcattta ctagctcagc tgttctcaca cctacctgct      240
gaattagaag ggacaagtat aatccatctt cttttcttct tccctcctt ctgtaataat      300
gtttttctat ttgtagggg taattttttt ttttttttga gataccgctt gctttgtcac      360
ccaggctgga gcacagtgtg gcagtcagtg tttgtctgag cctcaacctc ctgggttcca      420
gcaatccttc tgccctcagc tccctgagtag cttactacag gcagtgtgcca ccatgcctgg      480
ctaatttttt gtagagatga agtcctacta tgttgtccaa actaaaaagt aatttttttt      540
tctagaagaa gtttanaaga tttaggangg aaagggtggg ctttaaaatan gcttcttttt      600
ttcctggggg ggggtgcata atcttctctg gtaccaggtg tggaggcagt ggcacggctn      660
cagcactgca nctctgcctc caggtcaagc tattcttctg cctancctca cgagtggctg      720
ggatacaggn gctgccc                                     737

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```

<210> 1748
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (753)
<223> n = A,T,C or G

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<400> 1748
naantgaatc cnttacaagc tacttgttct ttttgcagga tcccatcgat tcgaattcgg      60
cacgagccag cattcaaaat tcccatgctt nnggaatcca ttgggacttc tccccaggat      120
gtactgaatt caaggaagct ttctctaggt gtagcagaaa ctgctgctgt catgtctctg      180
ctcaccagga cgtagcttct ctctacagac ctttatttct tccctggag gcttcagtc      240
atgttgaagt gtaaactcca ctcagctcca ggaggaatcg tgttttcttt atcaccaggg      300

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gcttcttcta	cgagttgcct	ttgatagga	ggccaggagg	aagataggcc	caagctcagg	360
ggtgggacg	gggagcagga	agcctgtggg	ctttagaatc	gaggtattgg	tttctccctg	420
tcaccatcat	ccaccacctg	tgtgaacttg	agccatttat	cgaacctcac	ggagcccca	480
gtttctcatc	tgtaacaag	gggaatgagc	cctactttgt	atggttgtca	agaggatttg	540
agacaatatg	tataaagcaa	tggaacacgca	gaggaagtca	ataagtacaa	ggtaactctg	600
aaaatgccac	caaaggagg	ctagggacag	gaaaaccatc	tccgcccaacc	tcaagaaccg	660
tgggcccgaa	acttgttcca	ggaactgggc	attgtntgaa	gataaaaaaa	aaaaaaaaaa	720
actcgccctn	tanaactnta	gtgnnctat	tac			753

&lt;210&gt; 1749

&lt;211&gt; 918

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(918)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1749

atggnnnnnn	ttttnnnnaa	attntttccn	nnnaaattac	ccttccaaag	ngcccttttg	60
ggccattggt	ntttttgttg	ggcccaagg	gaaatcccc	cnattcccgg	aattttcccg	120
gttttttttt	taattttttt	gggaaaaaat	aaccttttgg	ggncttgagg	acttttaaca	180
aaaaaaagga	acttttcccc	ccntcaacaa	cttttggaac	aatggaattg	gaacaaaaaa	240
agcctgggtt	tggcaagtgg	ttttccctng	cancggaatg	gaaacaacca	aggaaacctg	300
ggggaaaagg	ggaagaaaga	aacctggggg	gaatggaaag	tcacctctgg	tgggaatgga	360
cctggctttt	caggctgact	ggcccccgcc	catgggggaa	cctatctcca	ctggctatgg	420
ccagctattt	ttttcgagcc	aggctctcgc	tctgttgccc	aggctggagt	gcagtgggtg	480
caatcactgc	actgatcctc	ccacctcaac	ctacaagtag	ctgggactac	aggcgtgcac	540
caccacgcct	agctaatttc	taaaattttt	ttgtagagac	ggctctacaa	tcgcttgagc	600
ccangctggt	cttaaactcc	tggacccaag	cgatcctctg	tctcggnctn	ccaaagtgtt	660
ggggattatg	ggtgtgagcc	accgtgttgg	gccttttgcc	caactatttt	gatgccccaga	720
cctgcttcac	ctttgtgtat	tgaagcccg	tttgnaaacc	gtgtgttgtg	gtgcctttat	780
tnacatcct	ccaatngcgc	gttctttttt	actctaattg	tcttttgggt	tccccctca	840
gaagaatcat	gaaatttgca	ccagacctaa	tttttngggg	acttttgggc	ttattgatgg	900
atttggaaaa	tgaagaaa					918

&lt;210&gt; 1750

&lt;211&gt; 1320

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1320)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1750

caaaannnnan	cntnnncnanc	nnnatttntn	atnatctaan	ngtggggggg	ntttgtnttc	60
aaatacnent	tnnttttttt	gcntaaanaa	tcnccntcc	aatanggtnt	annctanant	120
tnagnncggg	gggnnttaa	tctntatctn	aatnttcnnn	nnnannnccn	cgnancccc	180
ccctntatac	tnngatttat	angngcnatt	tactcaata	taatnangtg	taggagtgtc	240
nctncccccc	cttactnttt	ctccatatct	nnctaacncc	tanaaatnta	gganacttcn	300
atcacttctc	catntntctc	tcanactnna	tnntanccac	nngacncttc	tgtattnnnt	360
nncnangnc	ntnnnctntn	acataacatt	ctacncatna	nacataccct	atntacacct	420
ttcgctncng	nctntttnt	ctncanacn	naatcntana	ncnaactttn	aatancntnn	480



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tacatnnnct cacatnatta cgagtnacnt ttcttctgca aacatatecca cctntcanta      540
nntgtcatga tcttntaanc anateccgtn tctctctaca ttannatate tnnntnatttn      600
nctcttttct nntntnctat tnaantctna ncnctntnna tnttncanct ntncctana      660
nttnttcacn tnatcatata nctatcnaac catatnnntc nttnnataatn tnnanctctc      720
nnctattntt tnnctangn ctntacnaa tacnncact atatatncnc nctatcanan      780
ttctacacta atatntannt acacnctac tctttctcac tnacncacgn natatctacc      840
tnannnnnct nttntnnnc tntttctnan cactcatcnn tgacctnna acgtcacatc      900
tcancataca cntcttctc tactttnacn canactactt cnanttcnct nanctnntct      960
nntctctntc tgntatecaca cacactgna ntgnccgtn gactenttcn ntcatactnn     1020
ctntcnaact tncnctncta antcanctct nctnctntat atcacatnan atatatctng     1080
ataacttanc atcnnngnt antgntntat atatccaaact canntncncc actnnnnnaa     1140
nntnactntc atcnnctat atcactnacc ntacatntac ctcatanctn cnatcntaaa     1200
caanacncnc tctannatnc ttantacatc tntncnacct cnatantcta tntataatac     1260
tnctnntatn tngntccta ntntaggtca tcnangnnac ncactcntta ncnatcacn     1320

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```

<210> 1751
<211> 1031
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1031)
<223> n = A,T,C or G

```

```

<400> 1751
gnncnnnnntt naanagtggg ccngtgcggn ttgaancccn tancctngcc tgggtcnenn      60
tcngtnnnnn ccgtcnntta ncttcggggn aatannanng gggttttccc ctctttatcg     120
nataccntrn angngggntg ntnggtgtgc tcnncnnaat antnntgttn cntnccgtn      180
agcanntatt cngcncantt ncctnnccct cnccttctta ccttacnttn nannnnntcan     240
gnntgntnng tntantgtt nntctnnan ncnntntnt nncaatgnaa ngctcctant     300
ctcacntntt actntgtggn aaaangenan tatnnttctt ctcnntnag ntntcntnct     360
cnnnncnate ctenatannn cnttcactcn ctccccent gnatattcan aactccattc     420
ntcnctatt nncgctngcc tttnatcgtc ntgtcggnnn tccentctnt ntnacancn      480
natactgtnn tgctgcata canntacntt ancgannnnn actntctca caatactnn      540
ttnnctnact cnnttacnat gacgatnatt nttcactctn gtntantgt ctagtacnnn      600
taatntantn nttctctc ctaanntnct ntnattgtnc gntnatcttc ntaggnnnnan     660
ntctattncg ngcnctac actnatctnc ntnactntnn tacngtggnn nnnncgnaen      720
ctgcgccct nggtctct catnnntnct nctnnatct ncactnttt ctcttctcta      780
nactentncg atcancctct atntctnat ntntcatgn ngccacgna ctnccccnc      840
nttgcgntc ngatntncc anggtentcn attntctna acagggtcnc ttccggacat      900
ccnatatnnt cnnnnntcan ttogaantn tntnctnnt tntgaanntg acnnntntat     960
ttctgntc actccctac tgtacntnna ctnaccnga tttattatna tccccnct      1020
cntngntcnc g

```

```

<210> 1752
<211> 692
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(692)
<223> n = A,T,C or G

```

```

<400> 1752

```

```

ccnncntcna attcggcacg aggggagctg nnnnnnnnng tctagctctc agcagagctg      60
ggagcaaagc ctggccgccc accccaacct ggggctgcct cccactccgt gagatgcttc      120
tgtctcctgt tcactttgtg tggtagtttc ttattttcaa aatgcattctc atttgatcat      180
tactgtgacc ttgggaagca gcaggacagg gatttctttt tagagggtgca aactgctcag      240
aggggacaca cctcagcctc tctactgtggg tacacgtggc gtgccatgag tggggaagag      300
caacaggcga gatgcctcat tctactggaa catcactgtg ggtgaacaga gatttccagg      360
ttttccctct taaaatattt gtcccacacc gacaagagtc cagtcaccag gcctcaaagg      420
aacttctgct tgtagcagcc gcctcccctg tgcccagcc tccttaatgt gtgcactctc      480
agagggcaca gctcgcgagg ctgggttttg gggccaagtg gcttgttcat tccagcatct      540
aacatcataa agtggggccc agatttcttg attcgaccac agtgctgttc ctaccacaca      600
aatatccatt cctgttttgt tgaagcagcc actggtcctc ttgtttcccc tgcaaacgga      660
nggacctgca gtgcccattc attcaacccc cn                                     692

```

<210> 1753  
 <211> 1239  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1239)  
 <223> n = A,T,C or G

```

<400> 1753
ttntnntnag aggntgnnt tgaagcatnc ttaagggggn ncttttgaaa gtggngntnc      60
necnatnann gangncganc cntttctttt atnatgcatt gaatnaaagt ttatgntnnt      120
taccgnagnn atgtgnnggg agtgatattc ctnnntana ttatgattct tgtgntangn      180
agatannatt ngnntgtggn naaacnttcg gnanntgatn cntntnmntn tncaaaataa      240
tnatcnccat antttctagn nggagaaaaa aagngtntcc gnatnagtnt catatgnata      300
angcttntnt ngegggtata gattgtgtat ctentntntg negatatang cacctgtntt      360
ccgnatacta tngttnnnga tanncnntat nttacntttg aaatgnngca nactnnntng      420
ggnaagtgtcc ntccgnaatg tnactatnac gcgntntttg ganatgnact aacacnatng      480
ntntntcgcn atcgttncnt attnttattg tntnctatgt ntentctgna tncattatcn      540
tntcatcnat atnnttttac tggcctcaca gatttgnggt cnaanattgn ntgnanactn      600
cnantgtanc nganatncta nnntcatntt angancantn atatgtattg gattggatag      660
cnattantaa taatcnggan cntanntnng cgantnntac ntcannaana gatantntnt      720
ttatatgaaa ctntctggng agcgagaacn ggggcanttt cgtggnccta tntatancgn      780
gntgtntttg cgtaagatat ttacgagctn cttntctgta nncctngatn acntnnanaa      840
tanacngtn ncntatatga gaagtgttnc atgtttttat antgcngtaa ttactnnatg      900
naatagatna tntgtgtaan agagataatg tgnntnccgnc ggtntgcaac atagcatagn      960
gaatgnnacg agnngtgtaa gtgnatcata tgaatnntant ggtnttcacg ctangttana      1020
tcgtatcncg tgnaantgta ngtataagggt natattngaa ttngaaacnn ntatnnntat      1080
ggnatnctac gtnggggggn tgnngtttta ntcagaggat attatttcta gtgcanngtg      1140
gtaaagaaaa nanatntnat gtatntgtan gantnannnn tcgatganng natangntng      1200
tntnnanngn ataggnnant cggcgtancg atnangnng                                     1239

```

<210> 1754  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (674)  
 <223> n = A,T,C or G

<400> 1754  
 tncgggggnc cggctttaag agcacaagga gggaaagtaa cgaaagggct ggactactat 60  
 aaaagttaca aatacgtagt tagaccaata gatttatata agncaggntt ttgncatgta 120  
 attnattaac taactattac agaaacacag ctaanaatat caagtatttc tctggctctt 180  
 gacagaaaaa aatcagttga cttaaccctt tgctgtcaaa agagttggcg tttcctgttc 240  
 tgggtgctac tgccaaacgt tatggtactt agagtcggga tgcacaactt caaccaccga 300  
 cttatcaatg cagcncgcct gtgtattgca attggccgtt accttaanca ctgagccacc 360  
 cgggttttagt tcagccattt caagaagtat atttaacgtc ggtagttctg ctttattaaa 420  
 atgcancaga ggtactcttc tgtncctncc gtttatagtt ntctgaagag agttctattt 480  
 tntggnatng gtttgggttn cttttgcatt tttngtatct tngtatttat cctgaacat 540  
 gtttttnacc tttttttttn ttaanaaaaa annaatcntt ccgnggtttn taaaaaaac 600  
 ctacgangna annccttgaa gnaaatgtgg cggtcnctta aaaaggcttc tgttgcnnga 660  
 agggnttaaa tccn 674

<210> 1755  
 <211> 967  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (967)  
 <223> n = A,T,C or G

<400> 1755  
 tnnctntntt ttagnnggnt tnttnntta aatccctnn ccatagagcg gggngnttnt 60  
 cttttannnc cnnncnnngg gctagagant tcaannngnn tggegnnnncn ctntatncnc 120  
 tcccacaata nngggatgna ncntnnntnn actttatnaa tctenttnt ntctcnnacg 180  
 ngtgatntng ntttagtnnc ntcgcccgtt tcncnggntt ggntcnaant tgtncattnn 240  
 aggnaatccn ttnnatcnan natcatcatc nonggtnatc tgttcnctcn ancgncaccn 300  
 tnanntccna nttncttagt ctcnnnagen anantatntt natagnacc anatcttttn 360  
 cttnaanggn aatacatatc ctccctnctna gaancgngnn catctagann cntntnttct 420  
 ccncttantn ngctcctcna ngtnccctat aagtnccntg cntcnaaagg cgaaaaaata 480  
 atttannttg nannncgttt cattnacann cngcannggt atnnnaganc gnancctctnt 540  
 ttantgncct taccctttaa ccaantctan tnatatttna anttgnaacn ttatntnttg 600  
 ggntaccnan acannatcnt ctcgngggtt anacntgnac tnnncntngt nncaagntat 660  
 nntantngnc atgtgnntnn cttgcctagt ggtnagggtat tctnaaaatt tnntaantcn 720  
 taaatttanc atgccaatg gnacgtaata gtatcaanan tntggtnnat ttttnggnan 780  
 cttttntcng tanannnggg ggntannget gccttcantt tcannccatc anatgntttn 840  
 ncaaagattt tatngtactc tntctntana ttctttanag ccaannnnng aagncncngt 900  
 tcacttttctg nanntaagan tntnncntat gnnctctttn ctanaatntt ctntctccta 960  
 ngtnnnn 967

<210> 1756  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (734)  
 <223> n = A,T,C or G

<400> 1756  
 ccncgntctg aattcggcac gagaccttta cctgcaacct ggctgagaat gtgtccagca 60  
 aagttcgtca gcttgacctg gccaaagaacc gcctctatca ggccattcag agagctgatg 120

```

acatcttgga cctgaagttc tgcattggatg gagttcagac tgctttgagg agtgaagatt 180
atgagcaggc tgcagcacat attcatcgct acttgtgcct ggacaagtcg gtcattgagc 240
tcagccgaca gggcaaagag gggagcatga ttgatgcaa cctgaaattg ctgcaggaaag 300
ctgagcaacg tctcaaagcc attgtggcag aagaagtttg ccattgccac caaggaaggt 360
gatttgcccc aggtggagcc gctttttcaa gatcttcccc ctgctgggtt ttgcattgag 420
gagggattaa naaagtcttc ggagtacctt tgcaagccag gtgggcccagt aaaagcttga 480
ggagaatctg ctcatggtgc ttggggacag acattgaagt tgatccggag aagcttccan 540
tcattttttg caagataccc cttacttctt tcttgtttgg aaanggggat tngccccca 600
atttggtngg gagaaccccc cccancccc aanggangcc ttgaaaccga aaggctttgt 660
ccttggcctt tggggggggg annantcttt gaacaaggcc ccaaaaancc tttttcttac 720
cngggcttgg gccn 734

```

&lt;210&gt; 1757

&lt;211&gt; 654

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(654)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1757

```

ccnogncttg gaantatgtc cctgcaccca aagaaggttc ttttgaactt tatggagacc 60
gagtcttgaa actgggaact aacatgtaca gcgtgaatca gcctgtggaa actcatgtgt 120
ctggatcatc aaagaactta gcctcatgga cccaggaaag cattgtctca aacctctttg 180
ctaaagaaga gctgaatttc ttggccagcc tgatgggagg gatggagatt aagaaaccca 240
gtggccctga gcccgatttc cggttgaatc tctttaccac cgatgaagaa gaggaacaag 300
cagcgctaac caggccagaa gagttatcct atgaagttat caacatacaa gccacccagg 360
accagcaacg gagcgaggag ctggctcgaa tcattgggga gtttgagatc acggagcagc 420
caaggctgag caccagcaaa ggggacgatt tgctcgccat gatggatgag ttatagctgt 480
tctgaccagg cgtcctctgc ccccaggagg aggtctgtgg atgggtgaccc ctggggaatg 540
ccccatggcc cagaatgatg ctgctagttt tctactgagt gaagccatta cgtctatttc 600
ttattttatg tgtaaggaa cgtgtgagtc tcctttgagg agcactcact cttg 654

```

&lt;210&gt; 1758

&lt;211&gt; 668

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(668)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1758

```

ccnccnccgg aattctggtc ctcccttcgg agcaacgttt gcaacgatga gaggatggct 60
gcaggaaacg gcaatgagga tgactgttgg aatgggaaaag gcaaaagcag gtacctgttt 120
gcagtgcagc gaaatggatt agccaaccag ggcaacaacc cagaggtcca ggttgacacc 180
agcaaacagg acatactgat cttctgtcaa atcatggctc ttcgagtgat gaccagcaag 240
atgaagaatg catacaatgg gaacgacgtg gacttctttg atatcagtga tgaaagtagt 300
ggagaaggaa gtggaagtgg ctgtgagtat cagcagtgcc cttcagagtt tgactacaat 360
gccactgacc atgctgggaa gagtgccaat gagaaagccg acagtgtctg tgctccgtct 420
ggggcacagg cctacctcct cactgtcttc tgcatcttgt tcttggttat gcagagagag 480
tggagataat tctcaaacctc tgagaaaaag tgttcatcaa aaagttaaaa ggcaccagtt 540
atcacttttc taccatccta gtgactttgc tttttaaatg aatggacaac aatgtacagt 600

```

ttttactatg tggccactgg ttttaagaagt gctgactttt gtttctcatt cagtttttggg 660  
aggaaaaag 668

<210> 1759  
<211> 1381  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1381)  
<223> n = A,T,C or G

<400> 1759  
aagnggggaan cagngnnacc acgcacanna nnnccnnaag gngggggggg nnnnacacca 60  
nnnnnnnnna nnggnngac gngngaaaaa nccccccncc nnnnnacccn nnnnnannca 120  
gnnncgacgg gnggggggna acnncncnaa aaacgcccnt ntggngannn nnncccttta 180  
ccnccccgga caannaaccc agcccagggg aaagnannna cacncgannn gggagnaggg 240  
ccggcaccnc acaatannca cacacnncga acntaacgga nngcggnan ancgtaacaca 300  
acnccnacga naccanaann cancanaaaa cannancacc cagnaccac ntcatactn 360  
ctngnanatn atacntcatn atnctgccat atcatcncna cagtnccang gncgngcag 420  
atccanacaa tactacgcgc agcaagggnac caacanaaat naaaaaancaa ccanggaacc 480  
ccccacnaca cacnncgnnc gcagaannna natanaccac anctgntnca naaacnccac 540  
nnagngaaac ngccagcnga antcagaacc ngncacntc caccgaccana nnagnnggaa 600  
ccaaccaagn ccagatngcn ancaatanna ncacncganc cannacaatn ncnacnacn 660  
acnnngnctc nnaaacnnc naaaaaaagt catcgnnncna ccacnacgng nnaaaaaacnn 720  
nntacgaca tataccancn naacnngcnn nncgncnnac gcaagnncan cncacnncta 780  
tngcnanct nnaancgcnt gtcaatnntn acgcccngnn nacngtagac nactgganca 840  
nacanacagn ggngccacgt tgaanaatgc gmntantacg ngatgngnac acaanaaaac 900  
acnccncnca gacgcgcacg acnnncaccc gnggggcnna ncannaaann ntncgnangg 960  
acaacgncac nngntncngg anaccgcant aaaantccan nccaaanact anngtgaggac 1020  
gaaaanncnc gaggacanan acnganacgn tgaaggacna nagctgcaa ngggcnacac 1080  
aacgncang ctgaacanac cgncaacaac ngcntncatn nnnngngcgn cacngacnac 1140  
atcncaacgc gcgtnaaanc nanaacgggn acacacannn aataanacac acgcangaaa 1200  
agaaaaaacng gnaacgagnn gaaaaatnga cccaaatata aagmncnana acncangcag 1260  
gggcacgngg annngggaca agngaaganc ncggncngn annacncgaa aggcngagnn 1320  
gaggccagac acacacaaaa actacatcag gaagacnagg aacnngaaaa agagaaaaanc 1380  
n 1381

<210> 1760  
<211> 1027  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(1027)  
<223> n = A,T,C or G

<400> 1760  
aacncacccc annaaaanna anacnanaaa anacatcaaa aacanacnna aaaannnaaa 60  
aaaanaaaaa nnaanngggaa aanaanacan aagaaanggg tcaaaaaanc annnacatna 120  
cnatcnnaac nncgaanmtn cnaaaaacca ncnccnnan aannnaggnt tttnaaanmn 180  
cncccaaaan ttttntaan acacataaaa antttacngg ggggagnnat aaaaaaaat 240  
aaaaagtnc ccnccnatat tcactcacia ntccacacia catacnannc anaaaacata 300  
aantttnaaa ncctgnagtg ccnaaataaa tgacacaaan tcacaaaaaa tatcanagca 360

```

cnnanagncc attatcnaaa acnctaaacn tnttgnenca acctnnanaa atnaaaanct 420
cncaacncat ctannanaca nanatanata aaaaatnaac ncantancaa atnnncaata 480
aaattaaaaa aaatnngnnn naaaanccan tcananaatn atataagnac nnactnatat 540
acatcattct acatcaaact aaanaaaaaat ccaantatnn taaaacnana acaatncaaa 600
acanccatac atananattn annttnanac tctaaaanaa nncaattctn nnatcactac 660
aaancnctnn tnncantnac caactanctn nancanccta atcannanac tntnatnaaa 720
atntattcct nanaacntaa caaaancacn nannanctnc actnnntact naatntanac 780
tnnataanca aatancaata nnncnanata annacannac acnantntna taaacaacac 840
tactacgtaa nctactacac nacacatatn nctaacaaat tnaacnatac gaccatcata 900
atntaaactn nttannnant nntnntanc nactaaanat acaancanna aatntcttna 960
anancancnn tntatnana aaacantaat caatctnact acnnntaacc aatnnncat 1020
atatnnn 1027

```

```

<210> 1761
<211> 670
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(670)
<223> n = A,T,C or G

```

```

<400> 1761
ttatcgaatt cggcacgaga cagtcacag gacctcagtg tgatacagcc aattgtaaaa 60
gactgcaaag aggetgactt atccttgat aatgaattcc gattgtggaa ggatgagccc 120
acaatggaca ggacgtgtcc tttcttagac aaaatctacc aggaagatat ctttccatgt 180
ttaacattct caaaaattgg cttcagctgt tctggaggct gtggaaaaca atactctaag 240
cattgaacca gtgggattac aacctatccg gtttgtgaaa gcttctgcag ttgaatgcgg 300
aggacaaaaa aaatgtgtc tcaactggca gagtaagtcc tgtaaacaca gaattaaatt 360
aggggactca agcaactatt attatatttc tctttttgc agatacagga tcaactctgt 420
atgtaacttt ttacatata ttcgatacat tcagcaggga ctcgtgaaac agcaggatgt 480
tgatcagatg ttttgggagg ttatgcagtt gagaaaagag atgtcattgg caaagctggg 540
ttatttcaaa gaggaactct gatgctctgc gtgggacct gcctgactcc ccgaataact 600
gaaaaatggc tgaatatatt tatgggtact tggatatatta tttncanga gtgagcctaa 660
nacttttttc 670

```

```

<210> 1762
<211> 1558
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1558)
<223> n = A,T,C or G

```

```

<400> 1762
canggaacaa tcnngantnn tatnantacc ncnntgann nantnnttgn nttnananna 60
antnacctng ngagtaanat natnnncnaa ncnntcactn tncgatannt nntacgntta 120
tttnantngn naaanttnat nnaaaanta anactaatnt cgttnttggg ggtntaattg 180
taccctngat acccnaaat nggntanaa atttncaang tnnangattc gcaagcnant 240
tantcanaca atngnaatnn taaccnag tcnaanangg ggngtntntt nttnntnnnn 300
ntnnannatt naccanta acnatnnatc atcnatnant agnctnnnga atannataa 360
ncanactnc aatntcnacn gtacntatat cnntantana nntgtnaata gaancgaaan 420
agntnnagaa nnatnanaat ntgtcttnaa tnnancnnan ntaccnang cggnnacnag 480

```

```

naantancgt gnnngantaa cgacnagnna antcnaate ntacagtnat tcacgnntgt      540
antgctcata cgnnagcant gtcacntatt atncancnc anttgnntcc ngaactgatc      600
nagnnatcac aanatantan antacanata ttaactgata tttncangan natttnnacn      660
cantntanna ctcanganen tncgengctn gttgcacatt anancncnta acacacatca      720
cnatanacan cancantnna tacnctcngt gcagtaentg ntanctcttt tcatgaagnt      780
aatgncganc nttnagaaaa nancncanat tctnancnaa tacanngcta acatantagt      840
ataatacana tacganttna acatntgnca nttacattna gagcaccgnt ntacacaatt      900
gttcnactga ntatatnnnn ngcagtaaca cngctgtgnc ntcacnngtc acnanannag      960
nanncntnac ntgtaattan ntgnagctaa atcnnacagnn agatanatnt aantatcngn    1020
catatcgtn tnttgatata nntnctnctc tctacgctnn cgcatttang anntcnatat    1080
agcnnanncn tnnctnnana annanncgta aatnatnctc tacnttnnat atntaacgaa    1140
tcntaanttn ntatctatnt atacanngca ctatcntata atgnnacnat tntnncatcn    1200
caaaantctt ntantatcna tnananantn nctnngctnca nattantann aacnnaactcn    1260
nccgntnnca agntntnnca nattanntn ataatcanta gntatgatga tgagctcnca    1320
aancatcncg tagntgtgtg tatacnnca gnnangtata agacnacttt ncacnnnact    1380
acgnatgact angannatat ttntnccgng tncctcatnc nangcanatc cataanannt    1440
ggataannnt tactgagata cnatctnncg attacatnac nccactacat ctgtgattac    1500
aactanagna tagaaatnan cncntncccta tctnaatnt atngantntg tgagatnc      1558

```

&lt;210&gt; 1763

&lt;211&gt; 682

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(682)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1763

```

nttcnctgac tnannanctn cacaacactg ntancttgac tgtanctatg taataacatt      60
agatcccccta attgtaatta tattgggttt gcacagaaca ctttaatctt cccctcacca    120
atgtgaagtg aggaatcagg agtcaaactg tagaactaaa atttgacttc agtctagcgt      180
ttccttggtg tttttaggtt gctttggtta gtttaggttt gctatatttc tgattgctta      240
gaattttggt ttagcccttt aaaatcagat cataaatatg aattcatact tctaagggaat      300
tttcttgcta taagctggag tttaggtgat gtataggttc agttgagaca tttttggaac      360
aggcaaatcc ttagttaaca taagatatctt aacagttgaa gatagtgtca tggattttta      420
tcttttttag caagtaatgc taagaaccac tggcctgagc tactactctt cagtatacat      480
tattaggatt gcatagactt actagaggaa cagtttcagg ttttgatgct aatcagtggt      540
tgtgtcctaa agttgtcctt tgtgccttta aaaaggtttg gatatatctt ctangtttaa      600
aaattgctta ttaaggaaat tcattttant aattgcagggt ggggaaaagt natgggtcaa      660
ntaaccacta gggttaagact at                                     682

```

&lt;210&gt; 1764

&lt;211&gt; 678

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(678)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1764

```

antaacgaat tcggcacgag gcanngtggt gactaatata gtaaatgtct ttatagtaat      60
acgtgagtaa tcattaattc taaagataga attattatta caataaaca acttttagtca      120

```

```

catattggca gtttttctat ttcaaacaca gcaccagaga tcagagtcta cttgaaactt      180
acattttgtg tatttaacaa tttttctgta tctttttcat tgggtgtttg ttttgtttat      240
cttttgtttt tgtttctttg gtttggtttg tttttgtttt gttttttgag atacgatctc      300
tgtcacacag gctggagggc agtggcacag acatggccca ttgcagtctc aaactcctgg      360
gcttaagtga ctcttctgcc acagaagatg aggaagaata catttttcat agtgatgggg      420
tctcactatg ttatctaggc tgggtctcaa ctcctggcct caagcaaccc tccaccttgg      480
cctcccaaag tgctgggact atagacatga atcaccacac tcagcttcca tgtcttttta      540
tgaactangg ttcctaatta atcagataaa tttggtattt tcatctccta acttgccata      600
tgttttctgg gaaatcttat aagcagccga gagtggnngc tcacgctgga aatcccanca      660
cttttgggan gctgangg

```

```

<210> 1765
<211> 1415
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1415)
<223> n = A,T,C or G

```

```

<400> 1765
ctnntaatat acnnanaca actncnantn nantatttta ncntaanntg tnnactatn      60
taananantc tnnnctnaan acaaantnag tannctttgt anattcnngg naatctcttt      120
nagaannnat catntnaagt atatcgnacn agctcattaa tatnatngaa ntcacnacn      180
nagaataata tcaannacta aatcaacacn cncaanntaa tategaattc gggncgaaga      240
nnaaacgcaa ctagnncacn cggggnnggn gnagaccnta caaaaaanat annaaaaaat      300
aattaataag cccancttga ncctnattan gggggnnmmt ttataaaaaa anctntnnnc      360
cancanacat ataactnat atanaataaa ttnttactta naatnatagn nnantatnnc      420
tatnaggmnt anataaanac tnaattaacn nanaatttna nattagagna gaaantcata      480
aanacattaa nanncgacta nctcttnaaa gtngttnaan ttgntanann catnnancnt      540
atactatatn ctatntect ntaatncaca gacgtntntn gagantnnnn ttcnntnata      600
nnntattctn attcagantn gcgnattata tatatnatna taaactatag anntcatatt      660
atcacanatt aaatancgcn ntcctcagat ctgctncntc ttataanttn tnganataag      720
tacnaaatac anatacactn tnanagtctt aaatatcaat angaacaana nttatatata      780
tagtacacgg tntcttatat nataananta nntctctat taanntctcn nnctactata      840
tntcacnnaa annatcanaa tcgaanacat nttnttatta ctncgtntnn gntacnnnnc      900
aatgtcaaca ntttnatacn nccannaaat cttctnntn aatngncnga ntatacntan      960
cnnaantant ctngtagtt tatancaaac aggacaancc attantaaa nctntnatna      1020
natnncatan tntaaanat atatctcnaa ttananacat anaatanaga taanntnatn      1080
atcnttaanc anantattan atantanaat anntnaatcn tnaantanna cntntcctc      1140
tactancnnc tctntnttta agctatantg agttcncgca cntatntcgg atnctancat      1200
ctataacata ttaataatat nnatatatat nnagttctgt aacactcaca anacgcgctn      1260
anncgaaann ncagantata tanacatata aaacnntann attatcttct ctntatattc      1320
tntttacaca ntctancnta nttntctana annatcatna acaattgttg cgactatcat      1380
acantcataa tcaccaanca gtcacggnga gngcn

```

```

<210> 1766
<211> 673
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

```



&lt;400&gt; 1766

tntcacaatg	tgggaactgc	caaaccaaac	tgacgacat	cgacggcgta	cctcacctca	60
tcctcatcgc	ctcccagagc	atcgcggctg	gggaggagct	cctgtatgac	tatggggacc	120
gcagcaaggc	ttccattgaa	gcccacccgt	ggctgaagca	ttaaccggtg	ggccccgtgc	180
cctccccgcc	ccactttccc	ttcttcaaag	gacaaagtgc	cctcaaaggg	aattgaattt	240
tttttttaca	cacttaatct	tagcggatta	cttcagatgt	ttttaaaaag	tatattaaga	300
tgctttttca	ctgtagtatt	taaatatctg	ttacaggttt	ccaagggtga	cttgaacaga	360
tggccttata	ttaccaaacc	ttttatatct	tagttgtttt	tgtacttttt	ttgcatacaa	420
gccgaacggt	tgtgcttccc	gtgcatgcag	tcaaagactc	agcacagggt	ttagaggaaa	480
tagtcaaaca	tgaactagga	agccagggtga	gtctcctttc	ttcagtgga	gagccgggac	540
ctttcccctg	cacccccgac	atccanggac	ggggtgtgag	gaaaacnctg	ccttccaatg	600
gcctggacng	gatgttttnc	aactnttgg	cccctacgtc	tcaacaggcg	ctnacttgaa	660
gtgnatgaat	att					673

&lt;210&gt; 1767

&lt;211&gt; 694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1767

gnncnngtag	angnaattat	catgtttcca	gtcnaagtat	tcttttttgt	tccacaaatc	60
atagatgtca	ccattgaacc	ttctgaagag	cctttatttn	ctgctgatga	attgtatgga	120
atagttgggt	ctaaccctaa	gaggagcttt	gatgtccgag	aggctattgc	tagaatcgtg	180
gatggaagca	gattcactga	gttcaaagcc	ttttatggag	acacattagt	tacaggattt	240
gctcgaatat	ttgggtaccc	agtaggtatc	gttggaacaa	acggagtctc	cttttctgaa	300
tctcaaaaaa	agggtagtca	ctttgtccag	ttatgtctgc	aaagaaatat	tcctctgctg	360
ttccttcaaa	acattactgg	atttatgggt	ggtagagagt	atgaagctga	aggaattgcc	420
aaggatgggt	ccaagatggt	ggccgctgtg	gcctgtgccc	aagtgcctaa	gataaccctc	480
atcattgggg	gtcctatgg	agcccgaaaa	ctatgggatg	tgttggaag	aaccgtatag	540
cccaaagatt	tctctacatt	tgggccaaat	gctcgtatct	caattgatgg	ggaggggaga	600
ccaggcancc	caatgtgggt	ggccnccgata	accaaangga	cccaaagaac	cccgggaaag	660
gaaanccaagt	tcttccagt	cttgattgna	accg			694

&lt;210&gt; 1768

&lt;211&gt; 675

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(675)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1768

tttcgaagat	gaagaagttc	tcttctctgta	gaaaaagtag	atgttatcat	atctgagtgg	60
atgggctatt	ttcttctgtt	tgagtctatg	ttagattctg	tcctttatgc	aaagaacaaa	120
tacttggcaa	aaggaggctc	ggtctaccct	gacatttgca	ctatcagcct	tgtagcagt	180
agtgatgtga	ataaacatgc	tgatagaatt	gctttttggg	atgatgtcta	tggcttcaag	240
atgtcctgca	tgaagaaagc	agttattcca	gaagctgttg	tggaagtttt	agatccgaag	300
actcttattt	cagaaccttg	tggatttaag	catatagatt	gccatacgac	gtctatctca	360
gatttggaa	tttcatcaga	ttttaccctg	aaaatcacaa	ggacatccat	gtgcacggca	420

```

attgctggct actttgatat atattttgag aagaattgcc acaacagggt cgtgttctct 480
acgggccctc agagcaccaa aacacactgg aaacaaacag tatttctact ggaaaaacca 540
ttttcangtt aaagcagggtg aagccttgaa aggaaagggtc acagggttcac aagaataaga 600
aagatcccc gttctctccc cggaccctca cgttgaataa attcacctca aacttatggn 660
cttcagtggt aaacn 675

```

```

<210> 1769
<211> 661
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (661)
<223> n = A,T,C or G

```

```

<400> 1769
ttntcgnntnn nncnancnan aaaacatctg gtttttgtgg cggggcgccc tgctcctggc 60
agactacatc ctgttccgac aggacctctt ccgaggatgt acagcgctgg agctcggggc 120
cggcacgggg ctcgctagca tcatcgagc caccatggca cggaccgttt attgtacaga 180
tgctcgggtgca gatctcttgt ccatgtgcc gcgaaacatt gccctcaaca gccacctggc 240
tgccactgga ggtggtatag ttaggggtcaa agaactggac tggtggaagg acgacctctg 300
cacagatccc aaggtcccc tcaagtgggc acaagangaa atttctgacc tgtcgatcac 360
accaccatcc tgtttgagc cgaagtgttt tacgacgacc acttgactga tgctgtgttt 420
aaaaacgctnt tccgactcgc ccacaanatt gaaaaatgcc tgccagccat actgtcgggtg 480
gagaaaaagg ctcaacttca cacttgagac actttggacg tcacatgtga agcctacgaa 540
taactttcgc ttcttgcttc accnctgga caacttaca atggnagctg cctttttggn 600
gganccccgn ggaggcctcc ttccccagtc tggttacaac cccttcacaa ctggactntg 660
a 661

```

```

<210> 1770
<211> 676
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (676)
<223> n = A,T,C or G

```

```

<400> 1770
tttcatggaa ttacttttct tctagantan tancntctt nccactctca cttgaaccca 60
ctccaaccag gcctcccat ctccatgaac ctgatcttgt cagagtcaca aggacctcca 120
cgatctccac attgctaacc aaatgggtcaa tgttcagtct tcatcttatt cagctcatca 180
gcagtcata acttcctctt ccttgatgca tattcttcac ctagcttcca aaacctatac 240
ttctcctggc ttttctctgc cttaccagta atgccttact ggtctcgttg ctggctcctt 300
ctcttctgcc ccactttatg cacagaaatg ccctagacct gccctttctc tacctatact 360
caccctctac tgcttgtag catcttgagg tcagctctcc acctaccag cccctgcag 420
tttgagctca atacctgtt gttgaagtgc actgagtcgc gaaagtcggt tctgtcagtg 480
agcttctaca gaaaggaaag cctttgaaaa tttttttga gaaaagaaga cggggcaaga 540
angggggccc ggaataaaac actgcactcn cttccnanan aaaaannnna nnnnnnnnt 600
nnnnnnnnnn nnnnnnnnaa anannntnan nnnnnnnnnn nnnnnnnnnn nnnnnnnn 660
nnnttaaant ntcnag 675

```

```

<210> 1771
<211> 636

```

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(636)  
 <223> n = A,T,C or G

<400> 1771  
 ccgttcctga tggagctgna nagccaccca caaacaact acccattttc ttttttggaa 60  
 ctcatgagac tgctttttta ggaccaaagg atatatttcc ttactcagaa aataaggaaa 120  
 agtatggcaa accaaataaa agaaaagggt ttaatgaagg tttatgggag atagataaca 180  
 atccaaaagt gaaattttca agtcaacagg cagcaactaa acaatcaa atgcacatctg 240  
 atgttgaagt tgaagaaaag gaaactagt tttcaaagga agataccgac catgaagaaa 300  
 aagccagcaa tgaggatgtg actaaagcag ttgacataac tactccaaaa gctgccagaa 360  
 ggggggagaaa gagaaaggca gaaaaacaag tagaaactga ggaggcagga gtagtgacaa 420  
 ccagcaacca gcatctgtta atctaaaaag tgagtcctaa aagangacga cctgcagctt 480  
 ccagaaagtc aagattccaa aaccaagagg cagacccaaa atggtaaaac agccctgtcc 540  
 ttcaagagtg actcattact gaagaggaca aaagtaagaa aaggggcaag aggaaaaaca 600  
 cctaaaagca cctaaaagng aaaaggccaa aggaaa 636

<210> 1772  
 <211> 906  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(906)  
 <223> n = A,T,C or G

<400> 1772  
 tntnnntnan antannnnnn nanncnntn nnnnnnnna nnnannttnn anentnnnnn 60  
 nnnngannnn nnnnnntgga nattcatnat ncancattcn nnnncnnntn nttcccccn 120  
 ccccnttccc ccccnccnt cnnnnntnna aanttttan aacaagggg catantatga 180  
 atgctaen cnctgtagat tctgaaaagt tggccatgtt agaggaaagta tttgtnagcc 240  
 ttgaaatctc cttcaaaagn gaattattgca tctgtcttag aaaattacca tacagagtct 300  
 aagattgatc gagacaagtc ttttatactt gaggaacaca tggacaaaat aaacagttgt 360  
 ttttcagcca atactgtgga agaaattatt gaaaacttac agcaagatgg ttcattcttt 420  
 gccctagagc aattgaaggt aattaataaa atgtctccaa catctctaaa gatcacacta 480  
 aggcaactca tggaggggtc ttcaaagacc ttgcaagaag tactaactat ggagtatcgg 540  
 ctaagtcaag cttgtatgag aggtcatgac tttcatgaag gcgttagagc tgttttaatt 600  
 gataaagacc agagtccaaa atggaaacca gctgatctaa aagaagttac tgagggaagat 660  
 ttgaattaat cactttaagt ctttggggaa gcaagtgatt ttgaaatttt tgagggtgac 720  
 aggcttttaa agggataatt ttgtancatt ggnttgga tctacaacat gtgggncaaa 780  
 ttccancctg gctggctggt tttaatatag ccctgtaagc taaaaatggg ttcccgcat 840  
 tttaaantgg gtggggaaaa aaaaatcaaa agactaatta atttcatgga ccgtggnaan 900  
 ttatcn 906

<210> 1773  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature

&lt;222&gt; (1)...(734)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1773

```

acnttntcga attcccacga gagcacaaagt agatgtaaaa aanaaanaaa aaccccccccc 60
cngnggaaag accctnttta ggtttngttt ngtttttttt tgggtttngt tttnggtttt 120
tttnctntn ggnaaacccn ngccaanggg ccanancnc tatecngatt tttntntnag 180
ggcccntttc nnaanaatng ggtcnaccng gaaangnaaa aggggggggg ggggggnaaa 240
aaaaaaaaanc tnnggcnttg gnggntttta aaaantttan nnccattngt tncaaananc 300
ncaannttna aaancaaaaa antcncncnc caancaaccc aaattttaan ngnncaaatt 360
nggcncncna aaaaaacccc cctnnctntn nttntttngg ggcantnttn anccccccca 420
aaaaattgnc ccaaagggtt ttaaaaaant aattttccnt taaaggtaac cccttccccc 480
caaacacgca annttnnggn ncttttttgg atggcaaccn ggatanntaa ttgttcaacc 540
antttganaa annancntt tggaacctga aaaaaaaaaa aaaaaaaacc ccccccttt 600
aaaacttntg gggggggntt ttncgggaac cccacnctnn aanaaaannt ttggnggggt 660
tggggncnc cccntnttta naantnnnnn nnnnnnnnnn nnnnnntnn nnnntncnnn 720
nnntctnnn nntc 734

```

&lt;210&gt; 1774

&lt;211&gt; 536

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(536)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1774

```

gmnattanat caactacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 60
gtcctcaggg aaaatggaaa atacattccc aaacagtctt tcttgacacg aaaatattat 120
ttcaacaacc cagaggatgg atttttcaaa aaaactaaac ggaaggtagt gccaccttct 180
cctatgactg atcctactat gttgacagac atgatgaaag ggaatgtaac aaatgtcctc 240
cctatgattc ttattggtgg atggatcaac atgacattct caggctttgt cacaaccaag 300
gtcccatttc cactgacctt ccgttttaag cctatgttac agcaaggaat cgagctactc 360
acattagatg catcctgggt gagttctgca tcttggtact tcttcaatgt atttgggctt 420
cggagcattt actctctgat tctgggcaa gataatgccg ctgaccaatc acgaatgatg 480
caggagcaga tgacgggagc agccatggcc atgcccgcag accanccaaa aaaaaa 536

```

&lt;210&gt; 1775

&lt;211&gt; 1014

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1014)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1775

```

nntacgatcc ctattntnga aaatataatt tgacaaantc cttncncttc ttnnanacta 60
nngngaaggg tnanngangg nnttcnact atagtgtgga gntcctcncc ctgagggtggg 120
tacagaaatc aattgccncc tnatgggggt tnanaataaa aatagtggng cacaagcnca 180
tnggtnncca aanccttcc tanaancaca annccannca cnggccacac cccgatnct 240
tnctcacac nnatnnttcc ntaanancan annmtcnann nctcanctc tatctaaaa 300
catnctntta acatcttntc naccnantnn tcactnaaaa aancaccac gnanncacgt 360

```

ttanaacccc	atctnaantg	nactctaaca	ccaatnaata	ntaacaannn	tatnnttten	420
tctcnctana	naatatncca	tcaattctcn	nnaactncct	cantnnacat	actantctnn	480
agacnttata	cctatttntc	tatacttncc	cactntanct	tatcanacnc	accattctnc	540
tctctctctt	acnnntatat	atcaananca	catcttacnn	tcatcacggc	actanatan	600
cacntcacna	cctctcacca	tancgacnta	tcenattaan	taacactccg	agtncaacat	660
nccgcnaata	aaagaatacc	ntctgaggta	tcttattana	tattttatcac	atnnctacgc	720
ctatccnaen	ntcgnagcat	acccttnta	tnntngnntc	actnctataa	tnccatcate	780
taaacncnnn	atctttacact	cccncaaacn	aatcaactct	atntnannna	taatatnana	840
cacacnnnna	ctctttttcc	tncntaattc	tnaacatcnn	ctnacatgnt	acnnctaaan	900
actctnaact	anagaccct	ntactactnc	acctctncan	tntacacaac	ctatctntac	960
tcncagctca	cctgnnataa	cnttactttc	tnccatcttc	ttataactct	tncg	1014

&lt;210&gt; 1776

&lt;211&gt; 716

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (716)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1776

agttccttgg	ctgttattac	gctcactatt	atcaacagca	agcacagcca	ccaccagcag	60
cccctgcagg	tgaccaact	acaactcaaa	ctaattggaca	aggagatcag	cagaatccag	120
ccccagctgg	acaggttgat	tataccaagg	cttgggaaga	gtactacaag	aaaatgggtc	180
aggcagttcc	tgtctcgact	ggggctcctc	caggtgggtca	gccagattat	agtgcagcct	240
gggctgagta	ttatagacaa	caagcagcct	attatgccc	gacaagtccc	caggggaatgc	300
cacagcatcc	tccagcacct	cagggccaat	aataagaagt	ggacaatata	gtatttgctt	360
cattgtgtgg	gggaaaaaaa	cctttgttaa	atataatggat	gcagacgact	tgatgaagat	420
cttaattttg	tttttggttt	aaaatagtgt	ttcctttttt	tttttttttg	aaatggccaa	480
annttttatc	cttctgatg	gggggttant	tttntgtga	aaaaatnaaa	atggnttntt	540
tttnanattt	aaggggaaag	gccnctccc	ccaaaggntt	tccaattntg	gggtggagcc	600
ttnggaaaaa	aangcctttt	ncaaggnacc	ttcccttttn	aaaancctgt	tttgggcttt	660
ccaanaangg	attgnaacct	caaananngn	nnnnnnanan	ncntttncct	ttcccn	716

&lt;210&gt; 1777

&lt;211&gt; 928

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (928)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1777

cnnaagactn	tttgaaaaac	ccgtncctttt	tgaggatcc	catcgantcg	aaanttggac	60
cgggggaagg	nntacngggn	cccagaaant	tttttttggg	ggnnngggg	ccnngnaggg	120
gggggtgntn	nnttnnaaan	tttnaaaatt	ttccantntn	gggatgggga	nntngggatt	180
nggttttntc	ctngggcnng	gccttaagga	aaangtgga	aatggcctta	aanantccnn	240
ggccttctta	anaggagcnt	ttaatttnac	agnggcaagg	ggctggtnnt	gganaacngg	300
ttngggctnt	gaattnttta	atataccac	cnnnncnttn	ggcttact	gnacaatngg	360
agatgttgg	acaggtccc	tgagatgcaa	tcaagaatta	agccgtagcc	naggcatttg	420
gnccaatggg	gnaaagggtc	aaaaatnaaa	ttttattttt	tttttttccc	cttttttnc	480
ccccctaacc	ccccaatcc	ccccaggncc	naaagnaaan	ttttcntttt	ttttcnaaag	540

gaaaaatttc	ggggccaatt	ccnantttcc	ntttaaaaaa	ccnaaaccaa	ntttcntttt	600
naaaancccc	cccccaagg	cttngggggg	ggttcccccc	ccaatttttt	tnaaaataag	660
ggaaanggg	ccaaattngg	ggntttcaaa	gggtctttaa	aaccgggggg	gccccggggg	720
nagggggccc	tgggtttttg	gangggggna	aaaaacaant	ttaggttttt	gggaaaaaaa	780
tacccccggg	ttcccccttt	taattnccac	tgggnccttg	ggttctttcc	aacgtngggg	840
aatgggtgcc	tttggggggn	ccccctcann	aaaagaaaag	tctgggtngg	gcttcctaaa	900
gggggtgggg	ggngggggga	nacaacct				928

<210> 1778  
 <211> 1173  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1173)  
 <223> n = A,T,C or G

<400> 1778						
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gtntnnntnn	gggccggggc	cnannnggcn	atnngccaaa	aanaataact	ccaantnccn	180
gnnagaacat	gacccggacc	atcnaangga	aatgaaacn	acacaaancc	agactcnacc	240
ntggcncanc	cctcnagaa	gcccccaagan	tcnngnnccn	ngcnncggga	nccgagntta	300
cnnnngaang	cgggnnaacn	ngngcccgna	gccccaaagg	ntgncacgtg	gcannnggct	360
ncnnnncaaa	caaaaancaa	cccgnaagnn	ctccnanann	nnccccang	annncnaaan	420
ccaagntnct	nncncaaccc	ttanagcccc	ccnncaaagg	ncacgcactg	gnggggaactc	480
caaggggncg	anggnngnct	cttncgacac	ccnanngcac	ccnacncnag	nannancncg	540
aggncatcn	cancnttggg	gnnanaaggn	agcacggcaa	cccnctagna	naaaangnan	600
ncanactnnc	anannccnng	ggtatncacn	ccaaanactc	acccgagacc	ccntcnagaa	660
gcccacatncc	ctaacacant	ggngncanac	cnaaccnncg	tacaacagcn	cnacgnaggg	720
gctcacggga	nnntntngaa	nnganaggca	cagngacncg	cncagnttgg	ngcccacanc	780
cngtaaaccn	tnntanngtg	gngaggcnnc	gcgcatacng	gananccgac	ttncncacca	840
ctnnnctntc	ggaatcgnaa	cgccttanca	cgncaaccnn	ggcnacnnnc	nangggaaan	900
anagngggan	ncacccacca	ccggggganna	cnnacagntt	atcgcgcneg	cnacattggg	960
nnagnggnnt	cacnataang	cccaccctcn	cncnatactc	acagtncaat	ccntacacag	1020
gncanngcan	aagnggnaac	ngaaatgcga	cncagnccga	nncaaaangg	gggggggggca	1080
acnggcacan	aaagcgngga	nacccantaa	ngnggnnccn	ncaccncngg	gataataata	1140
ctntngnagg	tacacacnna	aatncggnaa	ggn			1173

<210> 1779  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 1779						
agnttttcna	ttcgcacgan	ataaaatnna	tgnggngngg	anaaaattnt	aattttgaaa	60
aaatntagga	aagttcctac	caaataataca	tgtataaagt	ttattaaaag	tcataatgac	120
ccaggaatag	ctaatagacac	agaagtagat	caaaatagaa	cacaatagag	aacttcaaaa	180
taaaacagg	gtgagaattg	tgtgtgtgaa	aaagctgggt	tcaaataagt	tggtttgtaa	240
gacattcata	tgctactca	tcagccattt	cgttctccct	tccttgctga	caaagcccca	300

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tttttttttt cttttttttt ggcctaaaac tctgtatggc tgccttgtgc tatanaatag    360
gggtgcttccc tagcctanag aggggtgagt ttgattagat tctgtgccaa tcatggtaat    420
tggcttactt gatcatttga tggaaatctag gctaacgaga caaaggaagt ctgaaggctt    480
tgaataanaa attttctgtg ctcttaacaa ttgatacaag ttagggattt gccagcatcc    540
ctcttctgct tctcagttaa natatgtgat atggatgttt gaagctaata tgcacagcct    600
tctgatggcc atgaaaggga caagtntgga gatgaaaagc tntcacactg ganaatagnn    660
ggatgtaaaa agaaaacncc tgaattgggc ctctgaatta accaatccca ggaactgggt    720
tcctttgg

```

&lt;210&gt; 1780

&lt;211&gt; 685

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(685)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1780

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nnnactatag gatnccatt ntanaaatag gaccagtagc ataggtagc cctgagcact    60
aaaaggagggt gtccctgaag ctttcccact atagtgtgga gttctgtccc tgagggtgggt    120
acagcagcct tgggttcctct gggggttgag aataagaata gtggggagggt aaaaactcct    180
ccttgaagat ttcctgtctc agagtcccag agaggtagaa aggaggaatt tctgctggac    240
tttatctggg cagaggaagg atggaatgaa ggtagaaaag gcagaattac agctgagcgg    300
ggacaacaaa gaggttctct ctgggaaaag ttttgtctta gagcaaggat ggaaaatggg    360
gacaacaaag gaaaagcaaa gtgtgaccct tgggttttga cagcccagag gcccgactcc    420
ccagtataag ccatacaggc cagggaacca caggagagtg gattagagca caagtctggc    480
ctcactgagt ggacaaganc tgatgggcct catcanggtg acattcaccc canggcacct    540
gccactcttg gccctcagca ttattccatt tggaaatgtga atgtggtggc aaantgggca    600
naagaccccc ctgggaaccc ttttccctca ntagtgggga gactanccct aggtcccact    660
tggttttata tctgaccana cagat

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&lt;210&gt; 1781

&lt;211&gt; 1230

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1230)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1781

```

ccccccnnnn nnnnnntnn nnnnnnnnnn nnnnnnnng nnnnnnnnnn nnnnnnnnnn    60
nnnnnnntnnn nnnnnnnnca nnnncnngnn gnnnnnnnnn nnnnnnnnnn nnnnnnganag    120
gngnnngnnn nnnnnnnnt ngggannnnn antntntgan gtnntntann gnnntcntnn    180
nnnnnnnnna nnnnnnnncn gccgcncnc nnannnnntn nccccnctc ntannnnnnn    240
nnnnnnnnnn nnnnangnta ncgaaantcn gcacggnggt attcatcttc ttgtntnct    300
gccggtcnca aggctaacc ccagnatngt agntggcctt aatatcaggt nngacngtgt    360
gaaatgttnt anggggtttt tcaagaggaa aagttntagg cttaaaaactg actggtaaaa    420
anagaatatt tctttgtatt tgatttttca gttatatgct ngtnccagcc agttatcctt    480
cngtnagggt ntncggtttg taanaactgc ncacatttgg nnanatntcg ncgccgctt    540
catttgnan gaacnnannn ntcnctttgg gtnccccc aaacnaact tgttnaaacc    600
atttggncat tanaaancat gtccctggtt taaccctgan tttttacntn nncggcnnn    660
aaccaaaant ntattcnacn tggngangtn nctttaganc ttcttctncc cgcantgaaa    720

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anaaccgggn	gnntggggtg	rgananctat	ataggggggt	cnttcntggc	cccttcaccg	780
ggnggtgaan	ctcgancttg	aaagagcccc	ccnccatata	ncntnccnn	aggngggggg	840
gnttcngn	ntgaaaacta	tnccacntcc	tnttgngnn	gtngctngnn	ntnnacnana	900
tcgngnntt	gngnnatg	nnacanccat	ngaaccnccn	caacnctcn	gtattttatan	960
ctcntncacn	ngntctance	tcnccnctcn	ttntctccag	gangnaantc	tncagtanan	1020
aanntccctn	gntagnanca	nnngnnatct	cnggtancct	ancnnggggn	gggaagacnt	1080
ctttgntctg	ctnattanac	aaaanatata	nacacngccg	cgnttcttnc	taaaantctn	1140
tagcancgag	gctccctntc	aantanagc	gtcacctctc	cnaactatac	nangggngcn	1200
actntccctc	gncgcangca	tctntggcca				1230

&lt;210&gt; 1782

&lt;211&gt; 1450

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1450)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1782

tnnttgntan	nnnccncttn	ngttntnttt	nnntgcttna	nnnccnttcc	ncntctntnt	60
ttntntnnnn	ntnnnnnttn	nnnnnttcnn	ttntacntna	nnntntngntc	ttgntntnnn	120
nnatangngag	tggnntntcn	tctccctttt	ngcatatcta	tnattctctn	nnntnnntng	180
ccncccccct	ccntnnnnn	ccccccctnt	tctctntnnn	nnnnnccann	ntgaacagnt	240
tgnggnaggg	ggctttcttt	ntctccttn	ggcccccccc	ttttgttttt	tnntcctann	300
tnntntanat	nnctgggatg	ttttncgggg	ncctctnttt	ttctantnnn	gggggnnttt	360
tttaccttta	ttctccncc	cttanctntc	nnantctccn	ntcnnttnc	actttctntc	420
tccatntant	cttttgtnnt	ntttnttttn	ctcgacatcc	ttcttttctc	tatatntnt	480
ctntctcttn	ttctctatta	ttntctntnt	antntctntc	atattttatc	tnctttant	540
actctcgagt	ctntnaactnt	ctttcttggt	ctncnnttcc	atnttccat	cctttanttn	600
ncatnnnct	tactntnttt	nnctctntgn	ttncncttnn	tnctctcttt	tanctntcnc	660
ttntnttna	tattttonan	ctaantnaet	ttncatncng	tttattncnn	cnactntgtn	720
ttttnttct	ttntctntct	ccnttctntc	ncctnttccn	tanccntcgt	cttctntntc	780
ttntcctnnn	cttnnatent	ctctatatct	ngtttattct	ctntcncctg	cattagtct	840
ctctnttctc	tcttnnttcc	ntngtttctn	tatatantct	ntcctntntn	tactntacnn	900
atntcatctt	tctncaactt	tctcgctctt	cacannnttt	anacngttct	ntntttctcn	960
ataccntntt	ctcgctnttt	tctantcccn	tctntatanc	ntctgttcan	ctntattgta	1020
tctcttattt	ttagctctct	ttntnctnat	ngctctccang	tnntntctat	ctannccctc	1080
cnctcacntn	ncctntntcat	nttctccctc	tnctctatnta	tnctactata	tttgtnntac	1140
gcttctttnt	tcttcttaca	ctcnngtttt	tnctcttcta	cnctctctct	cntnttgcct	1200
tctctctctc	tcnatnctcc	nccttctgccc	tctctntcct	nngatcatcc	tcntgctcct	1260
cntatctctn	ttctcactat	ctccatntta	cttgctctctc	gcntgtntca	gtcttcaactn	1320
cnntactctt	nnattnctcc	acttttattn	tcgcatctcc	tatntatctc	gctnntantc	1380
tctntctttt	natnnatctc	ttcttttatn	tnccgtagtct	ctctntctnn	ttctttntac	1440
ttctctctn						1450

&lt;210&gt; 1783

&lt;211&gt; 700

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(700)

&lt;223&gt; n = A,T,C or G



&lt;400&gt; 1783

aaatcgataa	ggaaaancgt	gaagtcgata	gaaatgaagg	cctgaaat	gcacgaaagc	60
attccatgtt	atztatagag	gcaagtgtgaa	aaacctgtga	tgggtgtacaa	tgtgcctttg	120
aagaacttgt	tgaaaagatc	attcagaccc	ctggactgtg	ggaaagtgtg	aaccagaata	180
aaggagtcaa	actgtcacac	aggggaagaag	gccaaaggagg	aggagcctgt	gggtggttatt	240
gctctgtgtt	ataaactctt	taactgctat	tttagggacc	ttgcagtttg	cacataattg	300
ttttatatca	tagcagtaaa	tatttgcag	aaatcccact	catcgacccc	gggtaaaaatg	360
ttatggtaag	catgcacagt	ttgcagtcta	cagttttttt	atgtagcaca	aaatagggtgt	420
acctttataa	gtacattcaa	ttttatgatt	tacattttatc	atgtaatttt	taaaaaaatc	480
catctatcta	ggatatgttg	atacaaagtc	tgtttttgt	attctttttg	cttaataact	540
cctatcattt	tctgaattac	ttggtattta	aaactcctag	cccacgggga	agaatagang	600
tatcatcaaa	cgtggcaaat	tttctttcag	gaataataaa	gagcatgatt	ccccaaaaa	660
aaaaaaaaa	aatccgnccc	ttaaaactnt	agggngcggt			700

&lt;210&gt; 1784

&lt;211&gt; 1144

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1144)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1784

gaggnacant	gnngnactnn	tcnntttent	tttttgccaa	aaggaccagt	atcatagggtg	60
tntcttgagn	gnaaaaanga	gctatttcct	gggggnttct	tcnctataca	gaggagntct	120
gtccctgagg	aggctacaat	anncnaggtc	nctcnntct	gcaagaaaat	aatactngtg	180
gganccgata	nncttnnnnc	tnгнаatgtc	ctgtctcaat	agtcccanag	aggtaaaaaa	240
aggangaatt	tctnntnnac	tttatctggn	catnngaang	annгнаatna	atncanaaaa	300
ntgcnanann	ttacntctt	gaacngggng	ancanccaaa	atantntatt	tnttactcgg	360
ngaataacnn	tttatngnct	cttanaagcc	anatngnttn	nggnaatatt	gnngggtnac	420
cttnccacan	nggnntaaat	tcacngngtn	gnncnaancc	ccttnggnat	ctttnncctc	480
nacnnnncgc	ttnggncacc	nantatnntc	cacacttaat	tcttggtaan	nnctntttec	540
ggcagnntct	atacgtnggc	tnntntnctt	cantcgcgat	anntnncact	ttntttnact	600
tctcnnaatn	ntcanactan	cncnctaata	cttttaacga	gnnganacac	taantgtntt	660
tatcgaatnt	ntnaaatacg	tannatcttt	ntctttatca	ctcatatggn	tattttntac	720
ccccngtnn	atntntctn	cctntncncc	ccccgtatga	ntcaccctnn	atctattcgg	780
caactttaca	tcnanangtn	tgntgtccct	nctctatnta	anaaacgnnc	tcactacttc	840
atcccaanta	nnnncattcc	accctcttag	tnaaaantnt	nttngataaa	atatgcttgn	900
ggtgncgggt	ncacaaaaaa	natgtttngn	ggtccnaaaa	atattantaa	nccccccct	960
naccnccngt	gtgtnttnaa	naactntntt	cattttctgc	ncccatntct	cnctcgtat	1020
nnatcctatc	ngcggnncta	ntatcttttt	agtaggtanc	ancntntatg	gtctntctct	1080
ngantcactc	antgggtgac	tancnntaat	ttaattcnnn	cgngcncntc	tcccnngtnt	1140
nnnc						1144

&lt;210&gt; 1785

&lt;211&gt; 702

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(702)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1785

atgcatctga	gaatgatgag	cgcttatcta	acccccagat	tgagtggcag	aatagcacia	60
ttgacagtga	ggatggggaa	cagtttgaca	acatgactga	tgagtagct	gagcccatgc	120
atggcagctt	agccggagtt	aaactgagca	gccaacaggc	ctaagtcca	ggttccctgg	180
cgttggtgac	atgctgcagc	ctggaactct	gatctccagt	gtgactgcaa	agctgtcttc	240
tcactggtag	tgcttctgta	gtactgggtg	gactgtgggg	catgtggccg	ctgcagttcc	300
agtggttatt	tctaagtcta	tgacaggaca	ggctgttctt	gcttcagaac	cttctctgac	360
agacacggta	actaaatgtg	aaaaaccaat	aagctgggtg	ctcatgaata	cacacgagga	420
aaagcagagg	tttattttat	ctgccttttc	aacatttctt	tccctctgtg	aaatgattgg	480
tcagatgtct	ttgagaagtg	ttaaactaat	tcacatggta	agtgtagggc	caacatacaa	540
agctaccag	tctaattgtg	atagtagact	ttggggaaaa	gcgaattttt	ttcatgtatt	600
cattctgaat	agttgaaatg	tatatttgta	cagtctttta	gacctattca	agtgatgctc	660
atgatcctgt	actggngtgc	ccatcataaa	ttcttttttt	ta		702

&lt;210&gt; 1786

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(723)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1786

anntttcgca	ttttttgcct	ttacaaaaag	gcattttgtt	atactacagt	gtaaacctca	60
tttttttcac	tccaaaaggt	agcagcccct	cttcttccca	ccctggacct	gcctttcact	120
ccctgggcac	agagcgcatg	gtaccattga	tgtttggttt	attccaggat	ccaaggagct	180
ggttctgctg	gttggaccaa	acctcgtgag	ccagccaccc	ctgacccaaa	tgaggagagc	240
tctgattctc	ccatccggga	gcagtgatgt	caaacttctg	ctgctgggga	aatctcatca	300
gcagggagcc	tgtggaaaag	ggcatgtcag	tgaaatctgg	gaatggctgg	attcggaaac	360
atctgcccat	gtgtattgat	ggcagagctg	ttgcccacaa	gcgcctttta	tttagggtaa	420
aattaacaaa	tccattctat	tcctctgacc	catgcttagt	acatatgacc	tttaaccctt	480
acatttata	gattctgggg	ttgcttcaaa	agtgttattt	catgaatcat	tcatatgatt	540
tgatccccc	ngattctatt	ttggttaatg	ggcttttcta	ctaaaagcat	aaaatactga	600
ggctgattta	ntcanggcaa	aacatttact	ttacatatcg	gtttcaatac	ttgctgggtca	660
tggtacacaa	gctttttacn	ggttttttgt	acaatnaata	ttttgagtna	aaaatgggta	720
cat						723

&lt;210&gt; 1787

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(763)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1787

nngantcnnn	ncgagaaaag	tctcccacct	tttctcctnn	aactnctctc	ctttctntcc	60
ataaaaagaa	aaggaaagga	acaaaagaaa	aacattcagt	ttttcttttt	ctgaaaaagg	120
taagtccttt	cctgaagtca	tcaaatgaaa	cattatctgg	aaattagttt	ctaagtgtgt	180
atatgaagaa	atacttanat	ataagttcct	gcagtattta	ttagatagtt	gtacctgtaa	240
actcacctcc	ctagtanata	agagtttcag	gttaaatact	ggaacatata	taggcagtca	300
aaaatactct	ttaaattgtca	ttcacctatt	taaagccatg	ttttagcact	ttttangcca	360

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aagaangtct gatagtgcct gtttttatgt tctgtactct cacaaactnt gttactcaaa 420
attatngcat ggcangagag attggattat ttatttccta tatctttata aagtaaaaaa 480
atctttctaa acaacaaatc ctaacattat tactggattg tttcctaatt tatcctccct 540
nagttgaatg ntaacaaagc ttttccagct gaatggaatg caccttanct gataaaccag 600
aatttggncc tttnttttcc ctnccttttn tttttgagac aggttctcac tctntnacc 660
gaaggttnnga gtgcannngt tttgatcata accttgactg naggcttcaa ccttntgggg 720
ctcaaatgga tcctttcact taagcctnct gngtangtt ggg 763

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<210> 1788
<211> 1024
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1024)
<223> n = A,T,C or G

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<400> 1788
gnttaatacn anataactcan cttgctgcct gcaggtecca tctntcgaat tcnggcgana 60
ngntgggaat aaantgcctt gnggattnnn ctccattgnc nntttggcac cnaaangttt 120
ttattcnaaa nnaaggaant ttagttcctg tnaatncaag cttgnaaana ggccncact 180
ggggtggncc aattgcattt aacttgact gaatcctnt tccanctttt gcnttgnggc 240
tgcttngatn antgagggan ttcaantaat ttgangcct aatggtattt ttnaaattng 300
gacntttttt ggancctcta agtaatggat tgaataatcn tngagcaagg gggaacaatt 360
gccttgnttt atnnngtggg ggaacttcaa nggnnnnnnc cccaacttg ggacctcaat 420
ttttcaacta atgttttnca ataantttt gaaaaaaaa acctgnggcc ntntttttgg 480
ngggcaagg aaaggnnctt tctnttnng gcttgngga aatcaaggca attccttggg 540
tnccctggg aaagccttg tcaaaaacan ttaaatncgg gaaaaccaat tttcttttt 600
ccaanaaant nnaaattggn ttgggtaaaa gttnttttg gnaaaaaatt tggaatntgg 660
tnccaaanaa aaaaanagg naagtttcan aataanncat antttcaaac aaggttttn 720
ttntaaaacn aanaaaaaat nggntnaaaa anaaaatann ctttcanttt tcaaatttt 780
agggaaaaacn taaggttccc cngggttcgg ggggttttaa taacctttt ttgacttggc 840
ttttttaaan ctttagcccc ctttagann anggccaaa tgccnnggtt ggaagctnc 900
aaanngggc cggattattt ttttgnacca antntntgtg nataaaaanc ttggggnaaa 960
aatccctta acntttacn naaaaattt ggctntttt taaaaaatt ggnaaantnt 1020
gntn 1024

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<210> 1789
<211> 700
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(700)
<223> n = A,T,C or G

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<400> 1789
ttanatacan ctacttggtc tttttgcagt accctngatt cgaattcggc acgagccctt 60
tgagatttct ggctttttgt agggacctca gtccatttt cccaactcat gggttctcaa 120
taccttaact ntctnttatt tgtcaaattc caantcctca aaatcnccca ccattacctg 180
accnctggn agtcaccaca ccacttncc cactttccca gggatgctta tgnattagct 240
taaactctca ccattctgat ttgtaatgcc gnccccccc ctttttttg acacctggga 300
gttancttnn ctttctgna agatcanct cacacanaen agcacatttt cttatnatac 360
tttatctaga aaacctatgt gtcantggca gaagcatcct gaattntggg agancattgn 420

```

```

ntcgttgac  tggaaacctcc  tgaaacacag  cagtgggaat  tgcttgtaat  ccgctgngtc  480
tatcatcaac  aaaagnnaat  attgtatttt  ttcaggggta  atttaacata  agaagggttaa  540
catttnccat  tcaatttaaa  actaaaaaca  ngccccgggtg  cgggtggctca  cgctgtgat  600
cccanccttt  gggaggccga  ggtgggtgga  tcacgangtc  aaggagattg  agaccattct  660
ggctaacgca  gtgaaaaccc  gtctntacta  aaaaacaaat  700

```

```

<210> 1790
<211> 960
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(960)
<223> n = A,T,C or G

```

```

<400> 1790
gagcaagaac  ccttttgaaa  accccngnnn  nnttanaaan  gaaannnncn  nnnnnnaag  60
nnagnnnnng  agngtacaac  gaanngagan  nnaccanntt  tttaaagaan  gccaaaaccc  120
gcaaacacnn  angggggagc  anncgaaaaa  aaagcaacng  aagcnnntaa  agngnaccac  180
caccnngga  cccgaancan  nanggacggc  accgggcgca  agcngnnac  ccacccctcc  240
ggatggaang  cccggaaaaa  aganactnnc  aaaaangnga  cggccgcena  aagancctgn  300
gnangggcaa  agccccgaac  ccncgacnng  caaaaaagaa  acccccctgc  gcancaaacg  360
aaggaccnac  agccccacnn  gcgagacacc  ngccacagan  gccacgcnnc  cccccnggc  420
ccnacacnaa  agaggaancc  accgcnngga  nccccgagcc  cacancgggc  cntgcgcenn  480
aactcngaen  agccaanact  ggcacccacc  anccacggcn  gacaatcgga  nannncnanc  540
naaaaacggn  aaaacaatcc  nnaaagcgaa  ccnggggaaa  accccaggng  cngcacnngc  600
gcngccccaa  gnangacnng  cnnanancg  ccgggnaaaa  cccacnngga  acacacccac  660
aaaaagggna  ccggggaacc  cannnaaacc  ggggnaacan  cggcgctcnn  gcccaaaccg  720
ngaaccccc  cccnnaaang  naanacanca  ggggnngcga  nnnaagcccn  cncacacccg  780
aaagcncan  ccaccnagac  cncanacccc  cggnccgccc  cncacaaaa  ancacatagg  840
cgggcgcagg  ccgnantnna  cgcgcaaacn  aacgcnagna  ccggggannc  ngaaaaacaa  900
accggggacc  ganccncg  gcgnnnaaan  ccccnnnnc  nagnagnccg  ncccccnna  960

```

```

<210> 1791
<211> 743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

```

```

<400> 1791
nngctngct  gctgcaggt  cgactctnna  ngatccnggg  nccgagctc  gaattcgccc  60
tatagtgagt  cgtattacaa  ttcactggcc  cgtcgtttta  caacgtcgtg  actgggaaaa  120
ccctggcgtt  acccaactta  atcgcttg  agcacatccc  ctttcgcca  gctggcgtaa  180
tagcgaagag  gccgcaccg  atcgcccttc  ccaacagttg  cgcagcctga  atggcgaatg  240
gacgccccct  gtacggcg  attaagccgc  ggcgggtgtg  gtggttacgc  ccagcgtgac  300
cgctacactt  gccagcgccc  tagcgccgc  tcctttcgct  ttcttccttc  ctttctcgcc  360
acgttcgcgc  gctttccccg  tcaagctcta  aatcgggggc  tccttttagg  gttccgattt  420
aatgctttac  ggcacctcga  cccaaaaaac  ttgattagg  tgatggttca  cgtagtgggc  480
catcgctga  tagacgggtt  ttgcctttg  acgttgaggt  cccgttcttt  aataagtgg  540
ctcttggtca  aactggaaca  acactcaacc  tatctcggt  atcttttgat  tataagggat  600
tttgccgant  tcggtatgg  gtnaaaaaag  actgattaac  aaaaattaac  gcgaatttaa  660

```

caaaaattaa cgcttacaat tctgagccgn atttctccta ccattggcgg atttaccga 720  
atgggcntct agacaattgt tgn 743

<210> 1792  
<211> 921  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(921)  
<223> n = A,T,C or G

<400> 1792  
gncngaccct ntgcaaacna ctengngctn tttgcgggng gnanccccaa cngaaccgcg 60  
cttnaaggng nggctnctnc caannnntaa cccgggaana annttttttt ttnacangan 120  
cgaanccaan ggnaannng ngngaaagnn tnantgggaa aagnannnta aancaataa 180  
cnnttttaaat angnntgnaa aaaaaaantg gggnggacaa attnttaagg ncaaaantnt 240  
gggcccana anttaancaa antggnaaat tntcctggng gtnggggaan tnnctctta 300  
nggaaatnnc gcccaaggnt tcctaacaaa cgnggccaa nnaaggggcg ggcnggnagg 360  
ctncatgggg gacatggggg gacntctggc tcaagnctgn ggaccgnaa gggaagatna 420  
ggatgntggt cngggggcan ntaattnnnc nnnncggtt aatataattc aactnggngg 480  
gaatacctaa tgccaatggn aaaataagaa ctaatttttt anaaaacttt tacatgcttg 540  
ggttaaaatt cagaaaggga aaataganca aagggaaata taaaatattt ttcttnnaaa 600  
aacttaataa aaatgcgggn tgacaaaana ancattttca tcttggcagn aanaaagttc 660  
tcaagggacc taattatggg gggggatact ttttngaaaa agaaaaangc tggaaaaatn 720  
aataaaangc tangaatggt tctggcccat tatgaaaaga angaaaataa aaggtnttca 780  
aaaaataaat aaacantttt cccgtgcnaa nnaaaaaagn aaanttanna angaaaactc 840  
nnggcctnt aaaaacaaan angggggggc ggtataaacg gtagatccca gaaaaggana 900  
aaagaaacnc atgggaanga n 921

<210> 1793  
<211> 1127  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1127)  
<223> n = A,T,C or G

<400> 1793  
tanttctttt ggaaacaata tgcaatgtga agcggtcgcn ctgtgagttt agtaaggctg 60  
tgtacactnn cacctttggn ngcatgcatg tgcttggttg tgtgtggggg nntttntta 120  
ggcatnannn acnnctcgcc ctcttgctc tagtctggg atgtggcatg cnagcagcgg 180  
nnggcctntt ttcagatcat ggcattcaan agagcnncca nacatgtctn ttncatnnt 240  
aanaaanana atcctntnt aactgcaatn nacttnaang tancatcagan nttatnctct 300  
aactanncca cntnaaatca tnnctcatgn acntntncnn attaaacaaa aaacantttg 360  
taccnaattn ncacatcnnac tnaancnna ncttcncta natctcatgn cttaaantan 420  
tattaatacn acntcnagtc tatntgnacn aaactcntat ncttccacct antnnncta 480  
gattaannan ntngctaate acttantcan tgacataatn ttnttaanat atcnatgnct 540  
atnatannca tanaatnaca attgctcnaa cannnncac atcannncac tntanatn 600  
gatacgactn acacanant agtncatncg acntttacnt cgttacctat cagancncna 660  
tatactacac cctacgaatc ttnatntatn tgnatatcta ttanaatata ctnggangtc 720  
aagtactctc atgantcgag cttantacat aatttctcat accanaaggt ancatacatc 780  
nttttcaant acnccatata tttacatanc ncttacanna cttataaccnc gtaagcatna 840

```

atattactgn ntaccatata ncatatatta ntcgacgac nngnnnactn cntcaatggn 900
tctacatctn nctctcatct aannnanctc atnnanctca acatnccgatg ntatnatnnt 960
atacnnnanan acctnttct cntatngtna cngtcctnac tattacttct tacannatan 1020
antattatat nntactnca tcangtatct ctnttctnta anantntantn antatnanta 1080
nctanacnnt ntagnnacac tcgnttgcat ctngntctgc antatcg 1127

```

<210> 1794

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(791)

<223> n = A,T,C or G

<400> 1794

```

agntaccctg agctcgagtt ngctntctga tnngtgggcn cccnngcatg ngcacatgna 60
anctagggaa agaattnnanc ttgagatcgt caaagtgagg ggaagagggg ggtaagcaaa 120
ggagaaatgt tatatggggg tcggaggttt tgtgtttgta aatctggagt gatgggcatg 180
ttcaaagtct tctgggaaag gagctaatag gagagaaact tagcccttcg aaaaacagga 240
agggatggat cctaggggag aggaggaagg attggcttta gaggaaagat gtcctttacn 300
tgaggaaaag gaagaaaagg tgggtttaga tctaaatctg taggtttgct gttaggaaat 360
taaggacttt tcacctttat ctctgaaatt tctctggagt tagcaaggca aggtcataca 420
cctgaataan gagggatgag gcattgtgat atttgcacac atacagggtnt gtnattnctt 480
tatggggagg aaaggggaga agccactttt tgtcaaaccg gccctgtggg cttttgaaag 540
ccctttttgg cctaccaant ccattgaagg tgctcanaag gatganaaaa gcttcaaggg 600
taanaagcan ttnttccaag cctgcgncnt tnaaaaaana gtgcnaatac nanaaccagt 660
gggaaaattg ggnaaatttc ccattccttt ggaatcctt ttagaaaagt taccttntaa 720
aaccttccca tncctngaa nangggacta ncaaaantta aaattttant tangnggggg 780
accncttttc t 791

```

<210> 1795

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 1795

```

tacaagcttt nattcttttt gcaggatccc atcgattcga attcggcacg aggtgtccca 60
agtgtccgga gcaggcggca gaggcctcag tgcggcaaac acagccccag agcctgtgtg 120
gcaccagcag catcttagag ccccgagtat atgctgagat ctatctcac gctgtcctcc 180
agtgtctggg gggcccaaag gatggcacag gggcaggtgg gctggagggg cgcagatgcc 240
tgtgttcang gaggtggcc accatgggce gaggtctcac ccaagacccc ttgctctgct 300
cctcaacctt gcagtcacgg cagcactatg gtggactgcc atggccgtgt gactttgggg 360
gcaagtggga gggcgccctg aataatgatt gcaaggacaa cangcaaaag ctaccctana 420
ncangacaca nggtgtggta cttgacaacc ctantgtcac ctcaaateca tgtcccacac 480
ttttgggcat ggtgggact tgtgaacctt acctgtcag gcggacaatg gcccaagaac 540
cattgangac agttgtgtgc cacttggaag aanaaacttt ttgnaaaaa nccttaaatt 600
aaggtagaan aaagccaaaa aaatcttntt ggnccgtaaa acccgggctt ttnttaattt 660
attcggccaa cnttnttgng gattgaacct tttgattnaa acccnggcn ttgcn 715

```

<210> 1796  
 <211> 1429  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1429)  
 <223> n = A,T,C or G

<400> 1796

nnnecgnnnnn	gcgccncanc	tnnnecgnaen	ctnccngtcc	acnctagggg	gggnnggcnn	60
tatntgaacc	ccccccccc	ccccccccc	ctnnntaagn	nentcgantc	gnacgggttn	120
ttatcctncc	cccccgagg	gggtactana	ccnnggcccc	cccgngcgtt	ngnggncttg	180
ggcctcnagg	gnngngggg	catttgntaa	gatnaccanc	gntcacntct	agntctaagn	240
nnngnantna	tacntntaca	ncanctagcn	gtggncccag	natngnctca	agcaannnca	300
cnetggananc	cgcaccnncc	gcgcccgcgc	cnanantcnn	nnaangacta	tattntnttn	360
nctagecnc	nttacnttnt	nnctcaacnn	ggaangnagn	cngatncgaa	caccnngggn	420
ctccaacnaa	acnngnttcc	acgacaagta	tatnccgcgc	gcgnangata	ggngngnaaag	480
cntcnntngc	gnnatnntct	tccaggcccc	gnctgganag	tntgtengtg	cccaaggaca	540
tgaentgggn	gacaggntcn	ntccggcata	nanccccng	attnncccn	cacaacnggg	600
gggcccngca	ngggggcana	ggncncccaa	tgtaaangcn	ccnctcccc	aacgctntgg	660
gagaaanaag	gttctgggtc	acaantccta	ttntnnggga	canaagnggg	ggcaacncng	720
gggcnaaact	anncttgggg	cgcnaancga	nngtggggng	ccgcccacca	nagngcgacn	780
agggggggaa	ncagntnccn	gngncccnan	ancatgcctn	caaaggaccg	cgtntnnggt	840
cnntcgtnga	annanccgtc	gtgtncnaann	gcgtanggta	ntcacgttac	cgtcgtactg	900
ctctnccgatc	nnngcaccgn	ancnttgcgc	cannaacgca	cgntngncnc	cgcnanngng	960
tgnnnnccgat	ncntacncac	gtnacnnncc	gcgtacntnc	cncacgncac	gacctcgttc	1020
ngtgccggaa	cgcacncag	gncaccactc	tcnccctcgg	catcagctnc	acngntnnca	1080
aannaccgac	cgntcacgcc	ggctctntcc	acatnnatct	nnaggctnnt	gtgacangtn	1140
tnnnctgcnt	ncncacgtn	cgntatctan	cgcnngtaca	cccacnnnnc	actgcgagcg	1200
tcnnccntnt	ntnnccgng	cnnccgctnan	gtgtccgctc	ctacnccatc	tnccngntcnc	1260
nnnnanccgc	atcttaancc	cntctcacag	tgntctcnnn	ganacgcggn	ccctagcgct	1320
gcncgccgng	tnccgatcng	tcctacngnc	gagactcntg	cncggngnct	ncnnntgtaa	1380
gtcatnaaca	cacnnccnag	cnetgtgcnt	ntgtnacgcn	ncnnntnccg		1429

<210> 1797  
 <211> 850  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(850)  
 <223> n = A,T,C or G

<400> 1797

canctnnnnnt	ncannctggg	taattgncnc	anactgtcan	tatganatna	tcantgttgc	60
nctnngggaa	nnngtgggct	gnttcatatg	gacnnccnnt	ncattgnaac	gnngannatt	120
ntgaccagnt	cccnctnnnn	antnctttn	tgganttgc	caantcaatt	tnnnctttcn	180
tgccgatncag	acttccncca	attctattng	aatgtnttgt	ataancntnc	ntcnnttatn	240
angaancnnn	ttngnccact	nttcattnat	aaaacanntn	nancatatnn	ttaatannac	300
ttatnatggn	atncntatag	tttggtgntg	tnnnnggctn	atcancctag	gccnttttnc	360
antntttnt	gnngtagtg	ctcacanngn	atnngntgga	aantntcntn	acgctntcna	420
aagancgctc	cggnatngcg	tcengnntcn	tcnnnttgn	tgannacntn	ctnnttntnn	480
ccctaanannn	gccnannnn	ttagcnaatn	tgccnttata	nngaagtgg	tatttcntta	540

```

antataaann ttntnancg angnttnnan nggntangcc nantnnnccn tnatatnnct    600
ngnnnagnnn gntnnaaacg nacancttnc tgcancatcn tngccctann gnanntgaan    660
ntcctaaagn tggngnngaa nannnnntaaa cacctgtntn gnccgcnnntt attennttca    720
cccctatnan ctannccntt ctntcnatng nctctntnaa ntaaaanncaa atanatatnc    780
nntcacncng tnntncnaac cntntagtan agcngtntnt tatntgcnta accnnatnna    840
catcacncng                                     850

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```

<210> 1798
<211> 770
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

```

```

<400> 1798
cccncnntnt aantccgcnc gaagnagaac angangcacc ctacagggag ctccagtttg    60
aggnnncgaca ggcacttcgg ccaantccct gatggctttc gtccattact tcacaaaccg    120
cttccacggc tgctcctcca cacgcaccga gccatgagga gctgcgcctc tgagagcctc    180
ttcctgccct actaccgcc anactcanag gccaggangc catgccctgg ggccacaggg    240
aggtgaggtg ggctggatgc cacacagatg gtctccgtgc tggctcactg aagagctgag    300
cctgtggctg gcctcagaat caggctgggt gcagtggctc acacctgtaa tcccagcatt    360
tggggaggct gantgagagg atcactttga gctcangagt tcgagaccnn cctggccnac    420
atggcnacac cccatttcta caaaaaattt gtaaaattag ccaggcatgg tggcgcacnc    480
cctgtagtcc cagctgcttg ggaagctgan gngggagaat cactttgagc ccaggagtcc    540
caggctgcan tgagccngga tcatgccact gcactccagc ttgtccncan aaagacnact    600
ntnacccccc tttcccccca naaaganatg gcaacaagct tggncanccn tggngncttg    660
aatgaaacca nmanatgttt cgctttggat tcccaacggc ccttggcacc ccctctacgg    720
aaaatnccan caaannaana aattttttcc cntttgctn naattgtggn    770

```

```

<210> 1799
<211> 761
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

```

```

<400> 1799
ccccntcta ttcgcccag gagaagcagg cttnttgctc atgtatccaa gttgctgtca    60
cagtgtaaat ttgatctgtt ggaagaactt gtggccaaag aggtgctaca tgcattgaaa    120
gaaaagggtta cttcactacc tgacaacat aaaaatgcc ttgctgctaa catagatgaa    180
attgtattta catcaacagg agacatctcc atttactatg atgagaaagg aaggaagttt    240
gttaacatcc tgatgtgctt ttggtatcta accagtgcc acatccccag tgaaacttta    300
agaggagcca gtgtattcca ggttaagttg gggaatcaga atgtggaac taaacaactt    360
cttagtgcan gctatgagtt tcagaggag ttcaccacaa ngagtaaagc ctgactggac    420
cattgcacgg attgaacact caaaaactat tangaataat tttcttgga aaatcanctt    480
atggacttta accagttgct tgtgaaaaac taagggaagaa aaattttgg gncatttgat    540
ccttcactta atctaaagtc tggggaatta cttnttatat tatttttgaa acacttcttg    600
ccntattttt ngccttnata cnnntcacia gcattttnta caaaattgnt attcaccctt    660
ntttttaaaa gnnanntcca aaaattttta aaaaatacca tngccccgn ttggtngngn    720
ttcatattcc aatnaacatt ttccatgnnt cnntattann a                                     761

```



<210> 1800  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1800  
 nnentccatt cgnacgaggg cgnntgaatg tagtctcacn ctccgagtag ctgcnactac 60  
 aggcgagngc ctccatgccc agctaatttt ttgtattttt agtggagacg gggtttcacc 120  
 atgttgccca ggatggtnnt gatctcctga ccttgtgacg tgtccaccgt ggcttcccaa 180  
 ggtgctggga ttgcaggtgt gagccacagc gcccggccaa aaaaaggaat nnttaagagg 240  
 aaaaagaatg ctaccaacct aaccacattt ctatgactgn ttatatatttt cctgttcca 300  
 catacntaca tttttacata gnacgnctcat tgcagcatga gttacttttc actnaatann 360  
 ttttaaacad tttccancng ggtgtggtgg ntcatgcctg taatcccnac ncttggagag 420  
 gccaantnag gcttattggg tgagtcangt gtttnagact agcctagcaa catggcgaaa 480  
 ctgcancctc tacnnaaaat accaaaaatt anccangtgn gctgggtgcnc acctgtattc 540  
 nggcttctca agaancnctnn tgtgggaccn ntttgtttga acccnacgag gnangaaggt 600  
 cgcctctnnc cccctctnct cccccnttn cctnncnct nctnngttct ccacccnta 660  
 cntttanctt taanntnanc tcaanatncc atcctnanc accancctg tttacntccc 720  
 tcnattaanc cgnnncnaca ctttcctgc ctctntcn 758

<210> 1801  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 1801  
 acctcgnaa ttcggcccan aagacacata gtggatctgt atggcgtgtg acatgggccc 60  
 atcctgaatt tgggcagggt ttggcttcct gttcttttga ccgaacagct gctgtatggg 120  
 aagaaatagt aggagaatca aatgataaac tgcgaggaca gagccactgg gttaaaagga 180  
 caactctggt ggatagcaga acatctgtta ctgatgtgaa gtttgctccc aagcacatgg 240  
 gtcttatgtt agcaacctgt tccgcagatg gtatagtaag aatctatgag gcaccanatt 300  
 ttatgaatct cagccagtgg tctttgcagc atgagatctc atgtaagcta agctgtagtt 360  
 gtattttctt gaaccttca agctctcgtg ctcatcctcc atgatcgccg naggaagtga 420  
 tgacagtagc cccaacgcaa tggccaaggt tcagatTTTT gaatatantg aaaacnccng 480  
 gaaatatgcc aaagctgaaa cttttatgac agtcactgat cctgtcatga tattgcattc 540  
 cctccaaatt tgggganganc ttttccatat tnttancaat ancgaccaa gatgtgagaa 600  
 attttacatt aaaacctgt naangnaaag aactgacttt cctntgggtg ggccaaccaa 660  
 agtttgaaat ncntatngtg gctcantnec ataattatta attcccaagn cngggnaang 720  
 agttnngann atnaa 735

<210> 1802  
 <211> 792  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(792)  
 <223> n = A,T,C or G

<400> 1802  
 caccatnna ancgccegan nncaccatt atttaacact ccccttaact gtctttgaac 60  
 tttctctttt aacaaaaatg tcaagtcttt acagttgtaa tatcaccatg tttcccattt 120  
 ctgttaatac ttctatgaac ccctaaagta ttgaaggga ctagctgcca gtttcaagga 180  
 ttacaagttt gagcctccta ntnttcaaca tcattctgaa ccctgaaata atattcttct 240  
 ctgttaaaca attnctatct gtntgccacc tctgttgnta gaggtgggtg ttaattgacc 300  
 ttactaannn anctgccttt gatgannant tattgntatt ggntccngaa taaaacatta 360  
 accttttnaa ntcagaagga acctcggtac ttcttaaggt tngtttgcn tttctaaaac 420  
 cananaataa ggaactgatt tggctatcan gttaaccat tanaattttc tgtaagcttt 480  
 ncccacaaaa aaaaccattg gtgatttgag gatatannta atgnttttaa ncctttttaa 540  
 aaataatnag nggggtnatt ctctggnct tgnctaacna atngtncntg gnaaaacact 600  
 gncgattttn aanaaatttt tttnaaaan ttgggcttnt tcttaaanan ttaaaaaann 660  
 gnccecanat ttaaggncnn tattnnctg gancctcnaa aatttnnttg tgnaaacgcc 720  
 ccttnggttc ccnaccttg aattntttta accattnttc tccctttttg aatnttcana 780  
 atttntgna aa 792

<210> 1803  
 <211> 770  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(770)  
 <223> n = A,T,C or G

<400> 1803  
 accctnntna ancgcncann nntnaaactg nntctnnant tnnccctccn aattatggtn 60  
 nnaaaactta atgantncc aaggtnantg ggaagcctgg cttaacact cccaggctat 120  
 attaatgagn tcatgaggat gncatntnnn tnatgcactt caaagggtgt tgtaagtatt 180  
 aactannnta atncagggtca nntgcataata ttagcactca atgcacggcc attgatnaat 240  
 aaatgcnagn ggtcctgatc actgagaatc taacctctgc ttaaatacct ttagtcataa 300  
 nnagcttcac tccctnanta acatgnttggt atttcttgat caaccatant ttttacngaa 360  
 tttctttent tactnanccn tgaaatcngt ctccttnaaa ntcttactt tggatggnc 420  
 tctctgnnt gctacnccaa atnaatntna tctaantct atntagctta nnttccagca 480  
 tanccacanc aatnncatta aatgatttnt tcatgtggca ngactttaaa ctcctgcacc 540  
 catcctattt gctcctctca aagagcttcc nccccgantt gctcctgng gaaattgccc 600  
 antttattaa atngnanaat gntttttttt naatnctaca gganctnccc cgnttgntat 660  
 tgggtgcacca ntntctanaa annaggtntct cttgaanatt tttctggant tntgntntta 720  
 ccnaagtntc cttngtgggg cncctccct tccctacgc ctcttatnnn 770

<210> 1804  
 <211> 922  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(922)  
 <223> n = A,T,C or G

<400> 1804

```

gcngnnnnnn agnnnnnnnt gnnnnnecgn antgaattnt ncaatgggna actcttgcac      60
gatatngnac canngnggna aggnnccgtt gctaggggtt acacaggatg nnggccctan      120
ccaatncatc aantgtatga cgacnattnc gggaggggaca cntntantgn accgcagnng      180
ccccactat caagncggtt nctatgggta canacnntgt gttccatttt gtcntnaaag      240
ncnanaatta ncatccngtt cgcaattgaa gaaaancccc cattgaaccc cnattaataaa      300
attgcncctt cnttnattnc cccgnacctt aaaccgggtc atttaannng gnaannatgg      360
ccccancctt ttngggcctt tttaacnttn ttcccggttt ccatttcncc aaangggtaa      420
natttaana atggaaaatt ttttnttga aaagccantt tttntttac caaaaattaa      480
naacaanngg ttgcccata gctttaaacn ggntgggtgc natttttttt atttttccca      540
nttcctggca ttcccatngg cctngganaa tngttttccc tcccntgaaa gggcnttaat      600
ttgccttggg gaaaaaccaa aaantcgtcc cntttttttt tctggaaaacc ccncaaaanc      660
ccttancnnc cnaacctttt tttttttntt ttccctttta anttnncatc cttaaantaa      720
actgnttcen tngnggaaa aaaccattcn tggccaaatt nggaancttn cccaaaacnt      780
gggtcccccct ntthttgtgc acttaaaagc ataaccgggg gaccaaacan aannnggtgc      840
tttaaggggc naagngggcc ttccaaatg ggaaatcccn aattattttc nttaaaccaa      900
gaaattgggg caccggggat nn                                           922

```

&lt;210&gt; 1805

&lt;211&gt; 922

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (922)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1805

```

accggangnc cgnnnnacn nnaanannan ccnnaanacn nanacgancg ngaggncgga      60
agnagganan nacaangcnc gggngagnnn ncnnngngna ngcnaannca nncnccccgg      120
cngtagngaa accccttngg caacncgctc nnnangcaag gaanccaacg aancccnac      180
ggcgacgaga annggaagcn accaaaccag ganganagtn ttcagaccna ngcaaaggaa      240
gcnggagggg angaagaagc ngaacaacna ggaaacccag naacaggagg acaagcngng      300
gnagaaaang angccccng gngaagccn acggaaangc cgaganctca accaaanagg      360
gagaagcngn nggnaaggnc cccgggcaaa anacgggnga gaaaangacn gcanggggan      420
naccnngnaa aaacggaaaa catcaaaacg gcacnngacn aagnaanggn cgaaaaaaga      480
aggagnnnnc cgganaccan agagaggaaa cgaccaggtc aaactaactn tggcacntgn      540
gggaccggga nntntnnaca aaagccacac cactcgcanc aacngggaca cacangatg      600
ncgcagangn acccctagng gnagagaana aaacngngan anngggacac ttaaaaacca      660
cangggcaac caagaacgag gangaangaa ggancctagg gcattccaaa aagcaagaaa      720
aanaaaccta agccccngg naaacgggga cnaangaagn ccngcnaaaa accggaagac      780
ntngtngagg gcaccnaaaa nnggggaccc ccnnaagan ccgaaaggga gnaaannagg      840
ggactcggg gaaaaaacac cccaaangac acacncnnaa aacncncggg caaacnnggg      900
gaaaaaannn naanaannnc cn                                           922

```

&lt;210&gt; 1806

&lt;211&gt; 788

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (788)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1806

```

ttancctttt nannnccnnn nnnttttgca ngatnnnnn nnattcaatt cnnnacgagg      60
agtcaggaag gtaaggcgagg gnttgactga ataaactctg ccttttaaat tgntcatctg      120
ggccgggcat ggtggctcac gcctgtaatc ccagcactct gggagggtcga ggtgggtggg      180
tcacctgagg ttgggagttc gagaccagcc cgaccaacat ggtgaaaccc cgtctctact      240
aaaaatacag aaaattagct gggcatgggt gtgtgtgcct gtaattccag ctactcggga      300
ggctgaggca ggaagaatca cttgaaccca ggaggcggag gttgcagtgt gccaatgca      360
taccactgca ctccacctg gtgacagagg agaccccgtc tcaaaaattg attgatcaat      420
tcagcatctg agggctgcaa gtacagaagg aatctattct cagcaggga tagggcacgc      480
actggcttaa cagttaaata tataaggctc aaatagtcta tacctgaact gctataagca      540
agggcgatag ggaagtggat agattgcttc aancaaaagt gaactgtgag atctncaaga      600
cagagggaga aagatctgat ccaaatgaga acagattggn tattgcaggt ttcacagcct      660
aaaaaanta tctttttgcc aaaagaaata ttaaatgatt aacagtcctc cagtggtgtt      720
aatgttcaaa ctntattcat aatgngtata aatgggtaac aaaaatgnnn tacaataaat      780
cttttggn

```

<210> 1807

<211> 968

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(968)

<223> n = A,T,C or G

<400> 1807

```

ctcnnagcct tgcaactcnn gtctttttgc aggatcccat cgantcncan tngcacgan      60
gaccacngna aggtncctgg gcctttttng ggggataact gggngggcn aancnacnan      120
anatttgn cn ttnaaggnt ncttcancag ggancttanc tggttctnaa atccngatac      180
cnagagaann tatcctntct atggnggatg ggtttggaaa ccaggtcaga aaaaggttt      240
tggntacct tggctttcaa accgggaatt gaacaagccg aagaaagtna aaaggggttg      300
ccccaaattt agcctnggaa tccagtgggg cntgaaaatg ttctttcttt aatcaatcca      360
ttgggtggaa gaatggtccc cctnntngan tgnaccccat ttattcaaaa ttttggggct      420
ttcaaagaaa atttttnggt ggggggttag nccaaattaa aatccttaaa accccttcct      480
tngccaagcc cccaattggg gntcaaggtt ttgggggttna cccaagggc cntaaccatt      540
ngggnggggc cnaaanggga atttcctngc cttangtccc ccaccggaat aaaccaattc      600
ctttttaacc caaatgggct tcaagccttc ntttngggc ctcccgatt tgggttaatt      660
ttcccacca aaaaaggaat ggaatncacc accgtttgga aagtttttta atantggaat      720
ggaccaaccc cagccgttggt ttggangccc ttggaaatgg gtaccaattt cctatttatt      780
tcccaatgg gnggcctgga taaaannngg gcctggaaa agggaaatcc gggnaacttg      840
ggtgggggtcc ntgccaaaaa tccccaacc ttttgatgt gccgtggaaa attgtaaaat      900
aaccatcagg ccgtttgaat gggatnggga gaaanaaacc tngccaatg ctttcaagtt      960
accaanaa

```

<210> 1808

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 1808

```

ccccgatnnc tttggagaat ttggtccttn accttgagga acacttcttc ttcaactttt      60

```

```

tatttctccc tgatgttaca gtttggtaga tttcaaactg gaatagctag catgtgcttg 120
ctaaataatt ttatgccagc cttatcctgt atcctagctg ttcttaacag caggtaaaaa 180
aatgcctggt tttcagcaag gttgaaattg ggaatgtcct tttgaatcag aagaaaaatag 240
gccatagact catctcccag cacaaatggg cattctatga aatgggtactg gccctaggag 300
gatttcttca accactctcc tactcttggc cttgaacctc cctctgggtt ggatcttact 360
attgtagctg ctactatac cctcctgcat gcttagaata atgctttgag gggagcactg 420
gtaaaacaca gtatttattt ttttacctcc ttttaagagga cttggaggta agttgcattc 480
attcactcaa gtttccctct tgctgtctaa tanaagctta ctttttgcta tatcagcatt 540
tgttacagcc aatatttaag gacaaaattt agaaaatata tcatttcttg gccatcatc 600
anaactaata cagcttaacc ttgcaagcta ccaacttttg nggcaagcta nanatcttta 660
atttgatatt taaggngcaa ggaccaacna tntatttaag aaaattggga gacatgnaag 720
gcaaagcttt tgn 733

```

```

<210> 1809
<211> 744
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(744)
<223> n = A,T,C or G

```

```

<400> 1809
accnnccaat cgccgaagnt tccnctgaca ccaggntnga ngcatnggng cnatttcggc 60
tnacngaaag ctnagcntac cngnttcacg ncnttcnnct gtengancct nntgagtnnc 120
tgngantaca ngccttngcn naactaaant ttngnattgt ttntaanaga natgggggttt 180
nnccnntata gccaggatgg tcgcgatatt cntgaccntc ctgaagcgcc tggctgancn 240
tgcnacagtg tgggattata gggtnagag ccactgcgcc tggataaant attancantt 300
ttcngagacn gcctggtggn gtcaacctg ctggattgca ctgnngtgat cttggcatca 360
ctggaacctc acgactcctg ggtggcnaac gattctcctg tntcaacntn cccaagtngc 420
ttgnnccnan ngngnccac cncataccc cggtaattn tgtattttta ctgacatacn 480
cggtcanac tgatantgtc cngngtgnt gatacaantc ctganctcna gatncanctg 540
anntganctn tcnaaagtgn tntgaataan nagtnngntc cannagecnc ctgcccant 600
attttaanaa cgtaccatta ataatngnct atnntcanc tggcnttgnt canannanaa 660
cnttncetta ttcncccttt ctantagacn gcctnanan cnntttttnt nttngngggc 720
ccccaataac cnttcccnc ntcn 744

```

```

<210> 1810
<211> 794
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

```

```

<400> 1810
cancntent nnttgctnaa gtnccagnct ngggacggga attggttttg atcttgnnca 60
aaatcttcnn tanggttgc ntgtctgcnt gactgctgnc tacattcgga aaantctatt 120
ttgtgaattg gnagctaaat cccttactac cctgacaccg tggnttctac tgtatttctt 180
ttcaagggtg natttgcttc agagttccag ncagntagat taagcaagag gctccagaan 240
aaatgtttac ttgaattttg cgcttctttt cttgatagtt tcctatataa aatttgcat 300
tgaacaagag caaatgctga agtattaatg aggacaaaat gactgtgccc cattagcaag 360
aattcaggaa tcaatacaga cagtattaaa ttaatagctt aagtgaanaa aaaaaaac 420

```

```

tagtgaaaat gtattagccc cnattaaaatg gccnaaagga cttntaaaag gcnagggggcc 480
ttaactttcc agtcctgcac caaataaaaa attcctnacg actctccact tttnccaagt 540
gggagggttg gtcttaactg gaccttgctg tatttttntt nnttngaaag gncggaattn 600
gctggtaaaa acttttncct accnttgga atattngnga cncctaggc nnttttttaa 660
ggntctcnaa aanaggggaa tggccttatt gccancttg ttnacaaagt ngtgnaana 720
aaaagcccc cctgngctgt cangaaaagg ggnncntctn anancctctn gggtttttcc 780
ttttcnnng gccg 794

```

```

<210> 1811
<211> 739
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

```

```

<400> 1811
taccgccggn tcgaattcgg cagcaggaga accttgacaa gaaagatgca tcaatcaaca 60
tagaaaaatat gcagtttata cacaatggca cctatatctg tgatgtcaaa aaccctcctg 120
acatcggtgt ccagcctgga cacattaggc tctatgtcgt agaaaaagag aatttgctg 180
tgtttccagt ttgggtagt gtgggcatag ttactgctgt ggtcctagg ctactctgc 240
tcatcagcat gattctggct gtctctata gaaggaaaaa ctctaaacgg gattacactg 300
gctgcagtac atcagagagt ttgtcaccag ttaagcaggc tcctcggaag tccccctccg 360
acactgaggg tcttgtaaag agtctgcctt ctggatctca ccaggggcca gtcatatatg 420
cacagttaga ccactccggc ggacatcaca gtgacaagat taacaagtca gactctgtgg 480
tgtatgcgga tatccnaaag aattaanaga atacctagaa catatctca gcaagaaaca 540
aaacccaaact ggactcntcg tgcngaaaat gtagccatt accacatgta gccttgga 600
cccaggcaag gaccaagtac acgtgtactc acagaggag agaaagatgt gtcccaaang 660
atatntataa atatttctat ttanccattc ntganatnaa ggagccctgn ttgcnttgat 720
gnaaaacant gntatnate 739

```

```

<210> 1812
<211> 922
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(922)
<223> n = A,T,C or G

```

```

<400> 1812
acctngtntc gctcaagnat gtnggtncnn nntctgtngg aagtgagntn tnetgngggc 60
tcggtnttcc gtgatanctt gcntcngttg ctgatgggtc tnngettang gtcttgnnnc 120
ttntaccctt gnnnnnaccc gncnngggc nnnatatnnn ntngntneca gggtnctntn 180
ttganaaana nnacgtgtgc ngggctntct anctggggng nnnngcnntc gtgnttata 240
tntgggnaggt cgtcnnctn tngtcttcc aaaaantctn tnttgnactn ttctacacan 300
aacagantnn natcatnggc tagatggatn cngncanagc cngnnncnnn atngnngnta 360
tttctgangg tctgntntna atatcacntc cnggggagnc acnggancat ggntctggnt 420
aaaacnnntc atanccccc aatatgnncc cctccctntn canccacttt ttcttntgcn 480
atttttgccc nntttcccc cctcancttc nacgnaacaa tgnacntagg ggncctntt 540
ggnatgatnn gggntctnga caaagnaagg ggangggggc tcngaaacgn gattatcang 600
cncccccct nategcttg attgtcaaaa tcattggtgt accctcaaac tggngnngn 660
ngaaatcntt ancttttttg ccccnccgt gnngttttca ncccccaana nanaccacn 720

```

tnnccgcnc	ttgttntaa	ctnccnaaat	attntgntcc	ccccnngccc	ttnggggatt	780
tcgcctcnng	ataaaaaana	ancntcttt	ntnttttttc	cggacccaaa	acccttttgt	840
aaattnntt	ttcttaggca	aaagnttat	tnccccnct	tnntttcacc	tttctttgcc	900
ccctntntna	ggaannanaa	aa				922

&lt;210&gt; 1813

&lt;211&gt; 1188

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1188)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1813

cgacancnct	ttggnanctc	ccngtctttt	tgcnggatcc	ctcgattcga	atnccggcacg	60
ggagattnga	ncgccacctg	gggcantttt	tnccnngccc	ctggnggggg	tcnatctann	120
cgnatgcntg	ngtangccct	cntgtcccn	ttntcaccgg	tgnggaggaa	atcaccacagc	180
cannccaggg	atgggtccaga	accnnttagg	cccccatatc	ctgggaaanc	catactcgtn	240
ccatggcnaa	tggnntnggn	aaaattcctg	gaaaggnggg	tggtaaaaat	ttcccccggg	300
gcctattttt	cctntaccca	cccgaanggg	gaggggaaaa	ttttttcggg	acccaggggg	360
nttggggggg	gcccattnan	nnnccttttt	cctccaccca	tttagccgga	atnaatnccc	420
ccattccngg	ggnttgaaa	anaanaaant	nnnnnncgct	cccaagnaaa	tgggaaaaaaa	480
ncctnggggc	cccnaggna	atttttnaatt	tttnaggggg	gggaaaaagg	ggcccatata	540
tnnatttgca	aaccccttct	aagaaaaana	nttnggcccc	nanaaagnna	aaaaatgggt	600
cccccccttg	ggtnaaaaaat	tggaaggaa	tttttaccct	aacccctngg	atggnccttt	660
ccctaaggga	aaaanaaatg	gtttccccc	cccnnggcgg	ngggnaattc	cctgaggggg	720
cctttttggg	gccccagggg	gtnaaaantt	tncccccg	ccnccccntt	tgnaattnta	780
tnccaanttt	ccaaaanccc	ctnggccaaa	anaaagncaa	gggaccccn	ccttgggggn	840
gaaaggggaa	aggnaaaaga	acctggggaa	aaatgggaag	gnaacatncc	tngggggggn	900
aatnanangg	nggggtctcg	gggggtttcc	caccnaaagg	nanggggtcg	ctttttgggc	960
ccccgctatt	taaggnaana	aatacctggg	nggagggccc	gggggcnct	gggggggggc	1020
ctntnccaat	tggtgggcaa	ccccccaggg	cnccctntgg	gggacnggcn	tgggangggg	1080
gggggggggg	aatcccnccc	cggaaaggcc	cggggagggt	nccttaggaa	cccnngcccg	1140
gggcccacac	cntngggggg	gaaaaccncc	cntcntctta	cntaaann		1188

&lt;210&gt; 1814

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (763)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1814

ntnagtcnnn	ncgaggaagg	atntcactct	ttgcctctgt	gcctctccct	tttccccct	60
tctggttgga	ggaggagaa	gtgggaanta	gcttggnanc	tggnntgagc	acatnaggcc	120
aangctgcag	ggagctgtgg	tcgcaccact	gcactctagc	ctgggtgaca	gagcaagacc	180
ccatatcaaa	aaaaaacggc	cgggcgtggg	ggctcacgcc	tgctcatccc	gcactttggg	240
aggctgaggg	gggtggatca	caaggtcagg	agatcgagac	catcctggct	aacatgatga	300
aaccccgctc	ctactaaaag	tacaaaaaaa	attanctggg	tgtggtggcg	ggcgccgtga	360
gtccagctca	ctcaggaggc	tgaggcacga	gaatggcggt	aacgcgggag	gcggacttgc	420
antgaancca	agatcgtgcc	actgcactcc	agcctggggc	acagagcaag	acccatttat	480

```

caaaacaaac aaaactgtga tgataaaaaa gccccataaa cactaatatc aacccatgct      540
actctcgcct taaatttttn aanattcttt gcacgttgnt tactttanta acnctgggnn      600
aatcnccttn ccccntggg ngnttgagn naaataaaact ggttatccct ngcctntgaa      660
aaggtanaaa ttaaagtcaa ttttggnca aaccaactct antncacttn nctcncncn      720
nccctnnncc cncaaanatt tctcnnctt tcttttcccc ncn                        763

```

```

<210> 1815
<211> 947
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(947)
<223> n = A,T,C or G

```

```

<400> 1815
ctctatcctt tcaactcngt cttttgcagg atccctcgat tcnaatcgcc cggggggccn      60
tncnncnnga cccccnngan tgnngggggg ggcttttggg gccgggagac cccttngttt      120
tnncttnegt gcccggagtt gggggccttt anggggcncg ggaaatantn ngttttttan      180
caaggggancc ttggttcccn ctacccttnc cggtggttg gaggagggan aaatttngcc      240
ccttggggct tgggatgggn naatctctcc ccatgggaaa naaaccccnt tncctngtaa      300
aaaccgcgtt tgggggaaat ncgnnccnc cttttcctta aagaaaaggg naaanaattt      360
nccnttttaa tccccnnnc aatattttgg aaaaatccctn ggggccnttt ttnggaaatt      420
aaaanttaaa aaagggccnn cctcctgggc cctttaancc aggaagaaa atngggcccc      480
cnaaanccct gggncattg gganccaaag ccanttgggt tttgggaaa aggtttccaa      540
ggaaaagccc aanttccng gtggttaanc catggtncac cnttngtngc ccttttaaaa      600
aaatttaagg cctggtantc cccccctttt tatttaccng gggtantaaa ttttnggga      660
ggttttantt tttttcaaaa atccatggtt ncttggnc cccagaagt ccttttaagg      720
gttnaaccac ctaaggggac ctggcggtcc catggtacct aagtattaan cagcctttgg      780
ggttttggtt aanaaatttn gggcccacca ttttggaat tattaaatgg acccacttc      840
catttttcnc catggttacc tcnagttccc cttaaatang gaanggggcc tctttttggt      900
tgnancngg nanttggtt tttttttttt ttaacnttta tttggat                        947

```

```

<210> 1816
<211> 760
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(760)
<223> n = A,T,C or G

```

```

<400> 1816
nttattcgnt ctacagctgc atgcctcng gtcgantctc atngatncnc aggggtgagc      60
naccacacca ggcnagcnt tttctttcaa atacaaggaa atntttttct gatttaaaaa      120
aaaaaaacga acttttttct tgatnatcaa agggaaagt gcaaagatga aaataaangt      180
catctgtaat ctacagtaat accagtaat taacattttg ctgtatttct taccactgaa      240
aaaaatgcat agttttaagc tgggtgtggt ggtgagcatg tagtccagc taagtcccca      300
aagggttcac tttaccggct gctagacaga gtcgatttac caagacagg gaattgcaat      360
ggacaaagag taattcacgc agagccnngc tatgtgggaa accagagttt tattattacc      420
caaatcagtc tccctgagca tttggggatc agagttttca aaagataatt ttgcgggtag      480
gggcttggga agtggggagt gctgattggt caggttgag atggactcac agggggcgga      540
agtgaatttt tcttgctctc ttctgttccg ggtgggatg gcagaactgg ttgagccaga      600
ttgcgctctg ggtggtgtca gctgatccat cgaagtgcagg gtctgcacaa tagctctgat      660

```



ccgtagggnc anaaaatggn gcatattatt cccaagaacc aattagggat ngantatact 720  
 ntntgnagcc ttatcttctt cccctaacn gnanttcac 760

<210> 1817  
 <211> 940  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(940)  
 <223> n = A,T,C or G

<400> 1817  
 nnengannnn nganncnct tacnnttgna tnaccannn ctnaanctnn ntttnatnta 60  
 tngaattnacg gtngnnnang cgncttannt ngantnaann tttctttnnn cnnnnngat 120  
 tttaaacccc ttngnctgn ccnctnana anntgccatg tactaactcc gcttgctgat 180  
 gactgaagtg gcctggacta aagatgagnt taaaaagaag ctctggatga tgtaaccctt 240  
 cctcgccctt aaggccttca tacctcagct cctgtcacgg ctgcacattg gaagcccttc 300  
 tcccatggga aacataacaa agcaggetgc attaggaatt atgcagatgg ttgaaggaca 360  
 ccctcattga acatgctcat accaaacctc tccttcaagt cagctgggtc ggtatagaga 420  
 agttcagctc cctgacagag ggatgggttn gtttatcagc agagaaaatg aagntcacia 480  
 taacttgttg natccgagat atactaccaa acaagacatg caaaagcacc tnngaagaat 540  
 atgtttcttg gagctcttct gtcaanatta tctcgnaacc ttgcttnaan ancctgngca 600  
 ccaagggang cangatgggg gctatatacg gacttnnanc nggggcccnc gntcgannct 660  
 aaatgggcat aacccggggc ttggnggat tcatccaatc canntcggaa aaaagggcac 720  
 cctnancatc cttnnnaaag gnaannngtg gntaagcncc ccccnnaaac tatnncatgg 780  
 ggnaaanncc cccnnnnang gnaccatnaa tanaatgaan ggccttcca cnaaaaanaa 840  
 atttcanggc nntaangcan tttcntgga tcttcccc ccccccncac tgnnnntntt 900  
 tcttcccc cccnggctaa aantattggg ggacccccct 940

<210> 1818  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 1818  
 tgnacacnng nnaagtgtgt gnaggcctgn antttngcat agcgtanntt tgtgtgncn 60  
 nanantcnct agantatat ancnntttg gnetntgnac catagagtgc ncncnngctn 120  
 aggnngngtt nactccgagt gagaatggan tggtttaggc ngttnttta nctggggcna 180  
 gaggcncgtg tnattttgnc ataagntcan gtncntang gcncatgct nccngagnc 240  
 anngggaac tannncncta annatccngg ttatttcggn ngatananat cctnntggng 300  
 atatggacca ntntatgtac ctntttgnc ntnaantaat tntnntntgg ttngtgacct 360  
 atnntcnccn natattattac ncggngntag ttcannccctg annngnnga cnatnnngtn 420  
 ntcggctatt tanaaccgnt nctatattgg gntctgtggn nctacnann attgntacaa 480  
 cctactnttn ttntttenta tcttactaa ttgntnatgc ncnactgggt ngaaagatcg 540  
 nccanncnan ttanatggtc ntananaantn aatggagagn acnntttgn ctngggcaan 600  
 aannngatn aangngncc aaagtgnntc nngngnggng gcgtnnccann naataaanag 660  
 ggcgngggng ngaataatag nntnccann ttatggtatg aaannaacnn ctggngngtg 720  
 ngnttaanc nccaannngc natntntnta nnnngngngn tgctctnann gttgntnna 780  
 tagagtcncc gctntntntn atanngccgc aaatanacna angagtgttn tnttcnannn 840

```

anaaanaata ctgncncnct atttncntng ngcattannc antcctnatn cgnnnntnta    900
aantcncntt nnnttatntn nngttcacac ancatattnc cgtantntgt atatnac      957

```

<210> 1819

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 1819

```

tnnantnnct tcaactcttg ttctttttgc aggaccctcg attcganaca agcgacactc    60
tagtggtgat gggaatagta aattaaaaag ngagtatcnt ggatttggac aacgnnnanc    120
nncaaaatnt gagatggttg aatgaatggc ccnntgtcat gatanatnag gncacttttg    180
gaaaggggtg nggnncgaan gngaaatatt ttcnngtggn ttngagcta ttttcccttt    240
caagtccttc tctttttnn ttgcnatncc cnnncttgtn ntggatgnat tgnancanca    300
tctcctnnn ncctnanant nggaaatngt taaatnnct annnggttcnc cattcatttn    360
nttaccaaaac ggntancnt tntttccnt ncccttttnn cctcgnntna nnnnttctgg    420
ttttttttcc cccctctngg gctnnanata ntnggtntn ccatnntttc ntannggggg    480
aaaacaaaaa tatctncccc cattttttng gntaacnggg ntaaaaatctg ntngctcggn    540
anttttcaat aaaantttan tctccnccn actcncaatc gtnntatgta aacccccccc    600
nttttttttc ncctncngng aaaatatatg ggcntaaaaa atnatnnatn taaaantttn    660
tttccacct nngncanctt ngantntnct cactnataat ntctccnntn cctnagangc    720
tncactttcn antttccnan tnnctttcnt attanctnnc canccnannc ttaatatnng    780
ccattcgnnc aacntgggcn ccatttcctt tttgngttan tncanaaaat tanccttttc    840
nttgtnagcc cctttttntn ntntttnatn tccctttngn ctctttaacn tnggtgancn    900
aaanantatt atacntccc aanaacnttn tctttnnccc ctaaaatttc ctctttttaa    960
naccctttgg tc                                                         972

```

<210> 1820

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(724)

<223> n = A,T,C or G

<400> 1820

```

agttacacgt tcnttaanac ngtgcactct gaantgtact cagtgaatct ctgttttgng    60
tttcattaat gctatttcac cagtttagaca taattacttc taccgntgtg aatganacng    120
atgccggngg agctaccana tcttttcncc tcaactgcta ggtcaattag attgccatnt    180
taaaacttgg cggattctac aagannatnt gacnaccagg aactacatnc tatgatggaa    240
aactatccat actgnanact ccntgtgtaa ttatcatgct gctgctgctg tgctctggaa    300
ntctcaatat gacatttana ctctgcgcct actaaaggca tcttctggag tttttgggag    360
gananaaaact gganaattaa atcgnatttt ngccanaaga ctcttacttg catgtgtctc    420
aaggncnca atttttctat aagnnnccat atccaangtt canaattcat gtganatact    480
tctttggggc anaagnnctt cattcctggg ntntattgga tcgnaaatct gtagcaagan    540
gctgnttaaa attaccatan tgggtttnta tcttatactc agctctcngg ctattgaact    600
tcttttctng tttgaagnta gcttcaaaat ttgctcctat gctnaattac ctgnaaatat    660
tctggatang aactacttcg aaatantaat ttggtnaaag atatgacaaa atgaaatgcc    720
ttaa                                                         724

```

<210> 1821  
 <211> 1507  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1507)  
 <223> n = A,T,C or G

<400> 1821  
 gngnnnnnnnn nnnnnnnnnn nnnngngnnnn nnnaggggng nnnnnnnnnn nnnnnnnnnn 60  
 gnnngngnggn nnnnnnnnnn nggnnnnnnn nnnnnnnnnn nnnnaggnnn gnnacttttt 120  
 tgggaaaaan cccccnnnn nnntttttta ttnannancn nngggggggc nccccgaatg 180  
 ngagggnnng nnnncnagat aaagggcggn nnnnggggng tttttttttt cnnannnnnn 240  
 nnnnacnnnn cangngggg gggggggggn tttttngnan gnnctnnnnn ccnantnnnt 300  
 ctangngngn ngcngcgtng ngngnnnggg agangnggng tngcnnngcg ggnggggtgaa 360  
 gcnaatngag ggnnnatcgg gtngacnng gnngggaggg ggggaatggnn gnnngngnga 420  
 gtnggnntat gtgnngnngc gtnccgngnn nggggnncnn ncnggggggg ngngcngtac 480  
 nngggngcga ggngtancgn ggngcngcng tngngnnct gggnnnaggn ncgnaggtcg 540  
 cnagggggag cgggcgggng ggggcnnngn gaatgtcggc ggnnnnnngn nggngnccgn 600  
 nagccgcgng gngntngctg nggcagggna ntggngnnngn gtngntntag agnacgnnng 660  
 ngnagcacgt gcggcgnta gnnagnngng anangggcga tntggngact ggngnggagg 720  
 gggggaacntn tngngangt gtggngnang gacgnngntg cngngcgggn tcnggggnga 780  
 ctgagggggn tgcngatggn agggngnnga anggggtcnn gngngngggg tngngangnn 840  
 tnnngngnnn gnnncngancg ntncnnggg ngngggngt ngtnngnnng nnnngcgnagn 900  
 gnnchnngnn nnntagnngn gggnnnnnga gagnnnnggn nnnnatcgac ngngnnnggt 960  
 acnnggtggn ggtagnngan anngatnggg ggnangngcg nntngnctng tncgnngnng 1020  
 gttngngnaa gacgtngcg nnannctng gngngggann gagtnggggt gcggacngng 1080  
 aangggtag ggggtacggn nngtangngg gnnagcgnag tngtagngcg ngtggtgcn 1140  
 ncngganncn nggnnacnnn ggtgngatgg gggcacngga agacgagcgc tngcgacgn 1200  
 ngggangana tagntnggt aaganagagg gnnngcggng natgctgtcg acgtntncan 1260  
 gtngnccgtg ngcngctgt ngcntgnagg angggggggg ggnnatgtgn atgngtnnna 1320  
 gcncangng aggggcnnna ttagcgtgng gcgcgggctn ncgggggggn cgnngtcat 1380  
 ngacgncnng tngcggagtn ttgcgncngn gcgagagnng nnnngggngg nggtnggcgc 1440  
 ggggtatgng naggagatga gtgcngatg ggaagctcgct ctngtaggt nggggtcgat 1500  
 gcgcgcn 1507

<210> 1822  
 <211> 726  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(726)  
 <223> n = A,T,C or G

<400> 1822  
 ntttgacccc ttatcgccga gtgaggaaag aatagtcagt aaattgatgc gatccctaaa 60  
 aagggcagca ttgcagcgcc caggcataag acgtgtgatt gaagatccgg aagataaaga 120  
 aagtagacta atcatgttg atccctataa aatatttact catgattcct ttgagaaagc 180  
 agaactcagn gtttttagagc agcttaatgt cagtccacag atctctaaat acaatttgga 240  
 actaacatat gaacacttta agtcagaaga aatcttgaga gctgtgcttc ctgaaggtca 300  
 agatgtaact tcagggttta gcaggattgg acatattgca cacctaaacc ttcgagatca 360  
 tcagctgcct ttcaaacatt taattggcca gggtatgatt gacaaaaatc caggaatcac 420

```

ctcagcagta aataaaataa ataatatgtga caatatgtac cgaaatttcc aaatggaagt      480
gctatctgga gagcagaaca tgatgacaaa gggtcgagaa aacaactaca cctatgaatt      540
tgatttttca aaagtctatt ggaatcctcg tctgtctaca gaacacagcc cgtatcacag      600
aactttctca acctggggga tgccttattt gatgtttttg ctgggggttg gccctttgcc      660
attccagtag caaagaaaaa ctgcactgta ttgccaatg atctcaatcc tgatctcata      720
aatggg                                           726

```

```

<210> 1823
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (746)
<223> n = A,T,C or G

```

```

<400> 1823
ngttacacct tnnantccgc acgaggagag tgctncctta aaaatgcaaa gttgaagaac      60
tgtaacctca gaggagcaac tctggcagga actgatttag aagaatngtg atctgtctgg      120
gtgtgatctt caagaaancc aacctgagag ggtccaacgt ggaagggagc tatatttgaa      180
gagatgctga caccactgca catgtcacia agtgtcagat gagaatttta ggggctggag      240
gaagatgtaa aagatgaaaa tgttttcctt atcacttttc tttctccacc cactcagttg      300
tctagaagaa ataacactgt aaggaaattht aaaaaaaaaac atttagagga ttatgcttgt      360
tttgagtggg gcataaggga aaaaactgac tttttttcca tattctgatt tttaacagaa      420
aagcactcat ttaatagatg tagggaaact agatattgct gccttttgaa tggggtaggg      480
gggtttacct ggttttatga ccaggcatag tatctattat atttgctttt aaataggcat      540
gatgtggaaa taccatcttg gtttgagatg cattttgagg gattttaatt tatgggaaag      600
cccaacatta tgccattata tttattggna ttcctaanat gcngtatggg atatttaaaa      660
ttgntaaaac tttatgaaaa cttgggaaaa ngntgttcaa ggtttataaa taacctttaa      720
tggatgcctt cccctctttt aaannt                                           746

```

```

<210> 1824
<211> 1059
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1059)
<223> n = A,T,C or G

```

```

<400> 1824
nnnnnnnnng nnggnnnngg gnnggnngnn nnnnnngngn ggnnnnnnnnn nnnnnnnnnn      60
nnnnnnngtn tgantcttgg aaancccnng nnttttngna gnaccggggg ggccggattg      120
gggttcgngn nnnnaggggg cnnnancctt ttttttnnct ngnggccggg ngncgggggg      180
ggggggggtt nanngggng nngccnccnn tgntnnnnnn gggnnecgcn nngngncngg      240
gcanngggtg agggggggtn ngntgggncc ngnggggntn gncggtnnng ncgcnaccng      300
atgggtgggn tggtnngnnn tgccnggggg aacgtggggn ncggcggggn ngtgggnnac      360
cgcggggngg gggggcgngc tnccaaangg nntgcggggg gggnccntcc gtgggggngg      420
aggnctggnc ccngggggga ggngggncgg nggggncccg ncngggccct gtnnncgnc      480
cnggncggcc naggcggggc cgnntggggg ccnngngtgc nnnnnngccc ggnccnnngnt      540
gtccccgggc nagggaangg gnntcgggnc gggngngnct gtgntggggt gcngggggnc      600
nggggggaac gtgggggggg gggggnccca tggggggggg gnnnnngtcn ggncggagga      660
ggggnggcn cnngggngnn ntanggnang gggcngacng angggncngg nnnngngngn      720
gaagnccngn ngnggnngnn gtngggcggg tntngcccna tcagattgng ngaagggggn      780

```

ggngnangcg	nngcngnggg	ggggggggac	cggggnggnc	nngggnggtg	tgggntnngg	840
nnnncgngc	gtnnnggggn	gnaanggggn	cggggnggca	gggccgggtg	cccgggtggg	900
gggggtgnng	gtggntggcc	gnnngccggg	gnggctncng	ggcngngang	gggtngangc	960
cnnnngggng	gggggggncan	cggagggggc	ntttangagc	cggatgnnng	nggggnnggn	1020
ggncggggcc	nnnacaattg	ggangnnnng	nggtgancn			1059

&lt;210&gt; 1825

&lt;211&gt; 739

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(739)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1825

nnttacnng	tcgantcgca	cgantggang	aancnacaag	gaaaancnng	cncntgnaaa	60
angtncagg	tcnaatncgg	atggteectn	cctatntgtt	ngctnagttg	agcctntggt	120
ntcgggggtg	ccacgggggg	ctcntcgtgc	tgggatccgc	caacgtggat	gagaagtctc	180
ctggggctacc	tgaccaagta	cgactgctcc	agtgcggaca	tcaaccccat	aggcgggatc	240
agcaagacgg	acctcagggc	cttcgtccag	ttctgcatcc	agcgcttcca	gcttcctgcc	300
ctgcagagca	tcctgttggc	gccggccacc	gcagagctgg	agcccttggc	tgatggacag	360
gtgtcccaga	ccgacgagga	agatatgggg	atgacatatg	cggagctctc	ggtctatggg	420
aaactcagga	aggtggccaa	gatggggccc	tacagcatgt	tctgcaaaact	cctcggcatg	480
tggagacaca	tctgcacccc	gagacaggtc	gctgacaaaag	tgaagcggtt	tttctccaaag	540
tactccatga	acagacacaa	gatgaccacg	ctcacaccgc	cgtaccacgc	cgagaactac	600
agcccttgag	gacaacaggt	ttgatcttgc	gaccatttct	tgtacaacac	aaactggcct	660
tggcaagttt	tcggtgcata	anaaaatcag	gtgctacagc	ttcgagcctn	ttaaaactat	720
agtgagtcgt	attacctaa					739

&lt;210&gt; 1826

&lt;211&gt; 1373

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1373)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1826

annnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	gnnnnnnnnn	nnnngggggn	ngnnnnnnnn	60
nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnnnnnnc	gggggggnnn	nnnnnnnnnn	120
nnnnnnnnnn	aggagnntng	aaactncttt	ggggaaaaaa	ncccccnnn	nnnnntnttt	180
nnnnngnann	ccnncnnggg	gggngcgcc	nncccttngg	gggggggnnn	nnngnnnnnn	240
angggggggg	gggngngnnn	naaaanactt	tttttttttn	nnnnnnnnnn	nnnangnagc	300
nnnnaggngg	ggggggggnt	ntttnnagag	nnnnnnngtn	tnnnngnttt	tttancnnag	360
gagngcaggg	ggannnnnnn	ggacnnangn	gggggnnagn	aagggnggan	nagnnannng	420
ggangnnnga	ggnatcnngn	aagannnann	cgnnngnggg	nannngngng	cgggnagngn	480
gagagnnnag	cncnngaggg	ngggganggn	gnngangtgt	nanganngng	ngnaggggag	540
ancagnnggg	ggngaaaang	nggngnnann	nnnnggaang	gnngnaanan	gagnggnnag	600
ngtngcgggc	nganggcann	angnngcnng	nnagngngnn	cggngnnnna	nnagacagng	660
gtangngggn	nnanggnnan	cagaagnntt	agnagtata	nagngagggc	aangncanan	720
ggcngggngg	anngngngng	aangnngcgn	ganngnnnna	ngcaganggn	ntnagngngn	780
nanggcngnn	gggngnagng	aannangagn	nnngnnnnng	nggnagnnnn	nnnnnaaggn	840

nnngcnagnt	nnnngnngng	cgnnagcggn	aagnntgnga	nggtggnaa	ngnacgttna	900
ngngnncggg	ngngngnaa	gnanngcngt	gngngnggna	gngnnnagna	ntggngngtg	960
cnaggnngnn	gnagganngn	nnnnannnna	nngnnacgga	gcnnncanggn	ngngnannga	1020
nagangggng	naancangnc	ncgngnanag	cangnaggcn	nngnnanntc	gnnantntnn	1080
agagnatatc	annngnannn	atgtnnngana	gngaggacng	ngngagaann	nncgngnacg	1140
nnagcgangn	gnngntanga	ccangnangt	nnnngcacng	nnnttatgcg	ganngncggg	1200
ataagcngac	cgatnagng	ggacnnnana	nagatnnngn	agngggngcg	ctnnngngan	1260
nanatcnntn	ngagaggngn	agccgntagg	ncngnngaca	gngnananat	aangaagnnt	1320
cagnnancac	gganannnaa	naangnngng	gggtngacga	cggnngnacg	cg	1373

&lt;210&gt; 1827

&lt;211&gt; 737

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(737)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1827

cnttttgnt	cntattatat	acangctact	tgttcttttt	gcaggatccc	atcgattcna	60
attcggcacg	agtggaggaa	agcagcaggg	taaaacctgg	cgctgcaaaa	tgtgcaggct	120
cgaatacggg	tggtcctcgc	ctatctgttt	gctcagttga	gcctctggtc	tcgggggtgtc	180
cacngtgggc	tcctcgtgct	gggatccgcc	aacgtggatg	agagtctcct	gggctacctg	240
accaagtacg	actgctccag	tgccgacatc	aaccccatag	gcgggatcag	caagacggac	300
ctcanggcct	tcgtccagtt	ctgcattcag	cncttccagc	ttcctgccct	gnagagcatt	360
ctgttgggcg	cngccacccg	cagaactgga	gcccttggct	gatggacagg	tgtcccagac	420
cnacgaggaa	gatattggga	tgacatatgc	ggagctctcg	gtctatggga	aactnaggaa	480
ggtggccaa	atggggccct	acagcatggt	ctgcaaaactc	ctcggcatgt	ggagacacat	540
ntgcaccccg	agacaggtcg	ctgacaaagt	gaagcggttt	ttctccaaagt	actccattaa	600
cagacacaag	atgaccacgc	tcacacccgc	gtaccacgcc	gagaactaca	gccctganga	660
caacangttt	gatctgcgac	catttctgta	ccaacacaaa	ctgnccttgg	cagattcggt	720
gcataaaaaa	tnagtgt					737

&lt;210&gt; 1828

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1828

tatncgttac	aactacttgt	tcttttttga	ggatcccatc	gattcgaatt	cggcacgaga	60
cggggaccaa	aacatnancc	gcttggnent	ncaaaaanaa	caacctgnag	gatctcaggt	120
ttcntctggt	ctgtggggag	ggcaaaaagg	ntcgggtgat	ggccacnntt	gggggtgacc	180
gaggcttggg	agaccacagc	cttaagggtc	gcagttccac	cctgcccata	aagccctttc	240
tctcctgctt	ccctgaggtg	cgagtgtatg	acctgacaca	atatgagcac	tgcccagatg	300
atgtgctagt	cctgggaaca	gatggcctgt	gggatgtcac	tactgactgt	gaggtagctg	360
ccactgtgga	caggggtgctt	gtcggcctat	gagcctaata	accacagcag	gtatacaagc	420
tctggcccaa	gctctgggtc	tggggggccc	gggtaccccc	cgagaccgtg	gctggcgctc	480
ccccacaac	aagctgggtt	ccggggatga	catctctgtc	tctgtcatcc	ccctgggagg	540
gccangcagt	tactcctgag	gggctgaaca	ccatncttcc	actacctctt	catacttact	600

cctntacagc	ccaaattctg	aagttgtctc	ctgacccttc	ttttantggc	aacttaactg	660
aagaagggat	gtccgtttat	ncaaaattac	actattggca	aataaccaag	atggataaaa	720
aaaaaaaaaa	aaaccctttt	anaactatat	gagn			754

&lt;210&gt; 1829

&lt;211&gt; 725

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(725)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1829

tttaaccnct	ntcgantcgg	cacgatggag	aggccttggc	aaaatggctc	atcacgttca	60
ggccctccgg	gctgagttgt	cagcagtatc	aagggagggg	cctgctctat	ccccagaagg	120
atcaggatca	tatccaggat	gccccacata	caccaagcca	ggcagagggc	agctcagctc	180
ctgtcccatc	tgctttggat	atctttaccc	aaaggcaggt	aaccggaaga	gccagcctcc	240
actgccaca	gagccaggcc	cagttgtgtt	ggagtatagg	tcaggagctg	tggaaggagg	300
cagtctgtga	gggactcatg	ctttaggagt	cctcaccctt	cagactgctg	caggacattg	360
ccaggcctct	ctccacttcc	ttcctcagca	tacagacttc	atgctatctt	ccaattccgg	420
ggagtcttag	ctattagggc	agtttctgct	tctccatttt	ggggacaaag	gccttgccca	480
gtacaaatct	agccccctgt	cccacagact	tctggatggg	ataaacctag	tggcaatgta	540
gcaaccatag	gctagaacca	aacccaagat	ttgggtcagt	gccctgttaa	gggttttagg	600
attggtaagg	acaccacagc	taaatctgac	atgtaaaagg	ataccctttc	cctgtcccac	660
tacgggtgga	ggctaaggac	cttctcagaa	cccacagatg	gctggtgaca	ttgggcacaa	720
ggctg						725

&lt;210&gt; 1830

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1830

annnnnnnttt	ttacntcgnt	cgaattccgt	gctgtcgaat	tggtttggca	cctactacag	60
gatgatccag	accaacttca	ttgacatggg	agaaacatgg	tttggacttg	gctgaaagag	120
gagacagaag	tggaaggacc	ttcctggagc	agggcccttt	cgctttcaga	agggccgtat	180
tgagtttgag	aacgtgcact	tcagctatgc	cgatgggcgg	gagactctgc	aggacgtgtc	240
tttcactgtg	atgcctggac	agacacttgc	cctggtgggc	ccatctgggg	caggggaagag	300
cacaattttg	cgctgtctgt	ttcgcttcta	cgacatcagc	tctggctgca	tccgaataga	360
tgggcaggac	atttcacagg	tgacccaggc	ctctctccgg	tctcacattg	gagttgtgcc	420
ccaagacact	gtcctcttta	atgacaccat	cgccgacaat	atccgttacg	gccgtgtcac	480
agctgggaat	gatgaggtgg	aggctgctgc	tcangctgca	ggcatccatg	atgccattat	540
ggctttccct	gaaggggtaca	ggacacaggt	gggcgagcgg	ggactgaagc	tgagcggcgg	600
ggagaagcag	cgcgtcgcca	ttgcccgcac	catectcaan	gctccgggca	tcattctgct	660
ggatgangca	accgtcagcg	ctggatacat	ctaattgagaa	ggccatccag	gcttctctgg	720
ccaaagtctg	tgccaaccgc	accaccatcg	tagtgn			756

&lt;210&gt; 1831

&lt;211&gt; 742

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(742)  
<223> n = A,T,C or G

<400> 1831

nncccntttt	tcnnncnccga	nttccgntgc	tgtngctgga	naatanctac	gaagctgccc	60
gatggccagg	tcatacccat	tggcaatgag	cggttccggt	gtccggaggc	nctgttccag	120
ccttccttcc	tgggtatgga	atcttgcggn	ntccacgaga	ccaccttcaa	ctccatcatg	180
aagtgtgacg	tggacatccg	caaagacctg	tacgccaaca	cggtgctgtc	ggcgcgccacc	240
accatgtacc	cgggcattgc	cgacaggatg	canaaggaga	tcaccgccct	ggcgcccagc	300
accatgaaga	tcaagatcat	cgcaccccca	gagcgcaagt	actcggtgtg	gacggtggc	360
tccatcctgg	cctcactgtc	caccttccag	cagatgtgga	ttagcaagca	ngagtacgac	420
gagtcgggcc	cctccatcgt	ccaccgcaaa	tgcttctaaa	cggactcagc	agatgcgtag	480
catttgctgc	atgggttaat	tgagaataga	aatttgcccc	tggcaaattgc	acacacctca	540
tgctagcctc	acgaaactgg	aataagcctt	cgaaaagaaa	ttgtccttga	agcttgatc	600
tgatatcagc	actggattgt	agaacttgtt	gctgattttg	accttgattt	gaagttaact	660
gttcccttgg	tattaacgtg	tcagggtctga	ntgttctggg	gatttctcta	gangctggca	720
agaaccagtt	gttttgtctt	gc				742

<210> 1832  
<211> 742  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(742)  
<223> n = A,T,C or G

<400> 1832

nnnnttttga	actccntntg	agaaganacc	gcagatctgg	tcagccatgc	agggacacac	60
tctgtgttac	caagaactgg	ctgtctgcag	atactaaaga	agagcgggat	ctctggatgc	120
aaaaactcaa	tcaagttctt	gttgatattc	gcctctggca	acctgatgct	tgctacaaac	180
ctattggaaa	gccttaaacc	gggaaatttc	catgctatct	agaggttttt	gatgtcatct	240
taagaaacac	acttaagagc	atcagattta	ctgattgcat	tttatgcttt	aagtacgaaa	300
gggtttgtgc	caatattcac	tacgtattat	gcagtattta	tatcttttgt	atgtaaaact	360
ttaactgatt	tctgtcattc	atcaatgagt	agaagtaaat	acattatagt	tgattttgct	420
aaatcttaat	ttaaaagcct	catttttcta	gaaatcta	tattcagtta	ttcatgacaa	480
tattttttta	aaagtaagaa	atctgagttg	tcttcttgga	gctgtaggtc	ttgaagcanc	540
aacgtctttc	angggttgga	gacagaaacc	cattctccaa	tctcagtagt	tttttcgaaa	600
ggctgtgatc	atttattgat	cgtgatatga	cttggtacta	gggtactgaa	aaaaatgtct	660
aaggccttta	ccagaaacat	ttttagtaat	gaggatgaga	actttttcaa	atagcaaata	720
tatattggct	taaagcatga	ng				742

<210> 1833  
<211> 1073  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1073)



<223> n = A,T,C or G

<400> 1833

caacnncanc	ccnncccnnc	nanncnncnn	nnnacannan	cnnnaccnna	annangnnnc	60
cncnnncata	ctacatnncn	ncncacncnc	ncnccnanac	nngancacnn	nnncacannn	120
nncgacncnc	ncncncncca	acncactccn	netcacncca	gaacnnctcc	nancacacac	180
nanatatnan	gnnactcacc	tcantcttat	ncnnacgnnc	cnacannccc	cnannnnngnn	240
ccttttttgaa	acccctttcg	aaancncgt	ggccggnnaa	ataagcanac	tggaacgncng	300
tannatgtct	nttcggcaaa	gnantatnnc	tnnaccaaaan	ctagctngtg	actnatcneg	360
cagtcataag	acantcctaa	catngtgact	gtnaaagnct	tggagatggc	cgcnnnggctc	420
ctgnatcgac	tccgtcatta	ntncncatgc	aacaaaatac	gagccngagt	tnatnntaaa	480
angngaaaag	cnacncaaan	gaaactcact	ccattacgtg	ngaanataa	ggaagtnatc	540
anagcatnnc	cnannatcan	ataagtaacc	catcaatgag	caatgccaaa	gaatactatn	600
tgaacngcnc	ncctctctng	ctntnaattt	ggaaatgagg	ccntgctacg	aaaacaactn	660
ccaanaaaca	acanacctca	angcnaancc	caagagggca	agacttnatc	nannatagca	720
ccccagaga	aaaaccacct	aacgactacn	nggtacngaa	gaanttccct	tgccgcnngg	780
aaaaacagat	gaacangntt	gcngaaaagg	cncnancnna	tgtattaaagc	cannctcagc	840
cantaccgag	agntacnaga	aggacnactc	gnncgccccn	aagtacctgg	tanactgnnc	900
canccgaacc	nggetnaaac	anacantccn	atngctcccn	nncccacnnt	cncncccccn	960
ggncncngcnc	tnnncccnna	nancacnann	ncangatncc	cnntnctnntn	ccctaenenc	1020
nacccgcccc	ccactannca	nccnctggn	ctcnnccccc	cgaenctcta	ccn	1073

<210> 1834

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 1834

nnntnnnnnt	ttgnaacccc	tttcgaatcc	gttgctgtcg	ctgattaatg	cactttgaag	60
ttctctggaa	ttaattatct	taacttggcc	tagcttcgac	tgtcaagggtg	gctgttataa	120
atttgacttc	attggcagtg	gatgaagcct	aagccagctg	agtctctatc	atagctgaac	180
cctgaggaca	gcctcatagc	tcattgtatca	gggacttttg	ccacatttca	gaggcatagc	240
atgaacaagt	aatattaagc	caagaataag	cagcagaacc	ctgttccata	tggaaaaaag	300
aaaaacaatt	ttttgtccct	aatgttcttc	ctttttacatc	ctggaacaac	aataaaaaaca	360
tttttttaaa	cttgtctact	gtaagatact	gccatcataa	agcagagact	tacatgagtg	420
aaagggttgc	ctcatcaagc	agctcagtg	aaatggggag	gctaggctct	ccccagccct	480
atgggttttt	tatttcatgt	accccaggaa	atactgtgtg	gtttctaaaa	gccctgggtg	540
ttaaaagtag	ggactctgcc	tttttgttgg	tagggagaaa	aaacgctatt	gctttgtctt	600
acagagcgaa	tgtctgccaa	ctaccogttc	attatataag	tctgaacttg	gtaatantat	660
ggctaagtga	gattaagccc	tctataaaga	cttcctgttg	aggtgaattc	tcatactgaa	720
atgtacttac	ctacaatatt	tactagagn				749

<210> 1835

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(752)

<223> n = A,T,C or G

```

<400> 1835
ncnnnnntttt aacctcgntc gaattccttg ctgtcggttaa ttgttggttc agtgtatgct      60
ggggacaaaag aaaaactaac aagccgacct gcctttatga taaattctag tgtgcttaca      120
agggatgact tcctgaggtg tgatctgtcc accttgaaga actccacaac tgaagaaggg      180
gagctgtgag aacgtggatt gttctacaac ttgcacaggg taacagagga agtggctgag      240
gcctagagtc acgttttcca gttcccttcg caaactatat ttcttggaac gcgaaaggaa      300
gctttaccta tttcatagaa gacctggaat ccataacctc agaaggcaat attattgata      360
gaaaatgtgg aaggatcagg aagttcttag attcttggat gacagatgca tgttgatgcc      420
ctatggagat gtccttgtgt tttgaggtca ctgaggtagg aagacctgtc tactcttggg      480
ttcaccacta gaacagtctt gggctggatg ggttatagag ctgagcggct gtgatgggtc      540
tgtttttaca ttaacaaaaa caattaaaaa caccaaaaaa aaanaaaaaa annnnaanna      600
aaaaaaaant ttnggggnc cttttttccc nnanncccn ccnttnnaaa aacctttgn      660
naantttggg aaacccccn nttnaaaatn nttnnnnnnn nnnnnnnnnn nnnnnnnntn      720
nnnnnnntnn tnnnnnnnnn nnnntnnnnn cc                                     752

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```

<210> 1836
<211> 750
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

```

```

<400> 1836
nnnnnnnttt gaaacccnc gtgagagcct gaggcagaaa tctctcgga caccctgtac      60
gaggcgggtg ggggaagtct gcacgggaac cagcgcaagc gccgcaagtt cctggagacg      120
gtggagttgc agatcagctt gaagaactat gatccccaga aggacaagcg cttctcgggc      180
accgtcaggc ttaagtccac tccccgccct aagttctctg tgtgtgtcct gggggaccag      240
cagcactgtg acgaggtctaa ggccgtggat atccccaca tggacatcga ggcgctgaaa      300
aaactcaaca agaataaaaa actggtcaag aagctggcca agaagtatga tgcgtttttg      360
gcctcagagt ctctgatcaa gcagattcca cgaatcctcg gcccagggtt aaataaggca      420
ggaaagtctc cttccctgct cacacacaac gaaaacatgg tggccaaagt ggatgaggtg      480
aagtccacaa tcaagttcca aatgaagaag gtgttatgtc tggctgtagc tgttggtcac      540
gtgaagatga cagacgatga gcttgtgtat aacattcacc tggctgtcaa cttcttgggtg      600
tcattgtctc agaaaaactg gcagaatgtc cgggccttat atatcaagag caccatgggc      660
aagccccagc gcctatatta aggcacattt gaataaatte tattaccagt tcaaaaaaaa      720
aaaaaaaaaa atttcntgng gcccttttnn                                     750

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```

<210> 1837
<211> 749
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(749)
<223> n = A,T,C or G

```

```

<400> 1837
nnnnnncttt gaaccctttc gaattccggt gctgtcgtgc ctccaagatg gtgagtcttc      60
ttgcgtggtg aggggtggggg ttccgggtgca gactctggga ttgtggggaa gtgagagcct      120
ggagcacggc tgagggtggt accgagtgtc catttcattt gctctggggg tcggcgggat      180
ttcgggagaa acaggagatc cgagcggcgc cttcctggag gctgccgggt cggtctgtgg      240
ccggaaaggg actgaggctg ggtgagttgc gccgttttcc taacagtttt cccatcctgt      300

```

```

cgagacaaa gaaaagaagg aacaatggtc gtgccaaaaa gggccgcggc cacgtgcagc 360
ctattcgctg cactaactgt gcccgatgcg tgcccaagga caaggccatt aagaaattcg 420
tcattcgaaa catagtggag gccgcagcag tcagggacat ttctgaagcg agcgtcttcg 480
atggtaagtg ggtcaccggc gcgaactgtg tgaggatccc agtatcttaa agccttcgcc 540
caacttcgcc cttttggagg ctctgttcgt tggagcctct caggcaattt ccacgtattt 600
aangttgtta ctggtagaag agaattctct tgtttgccgt ttngattctt ttctggncag 660
aaggtagact ttgtgataga gtgcacaagc ctttactctg aggtaaangg ttgctgtttc 720
ggttattaag attgcnaaaa ctanaaac 749

```

```

<210> 1838
<211> 770
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

```

```

<400> 1838
tttaaatcaat aantgctact tgttcttttt gcaggatccc atcgattcga attccgttgc 60
tgtcgccgga gcgcacccgg ccggaagccg ctgtcgggga gccggcggtg gggctggacg 120
caggtgcaac tgacatgggt gaaccccagg gatccatgcg gattctagt acagggggct 180
ctgggctggg aggcaaaagg atccagaagg tggtagcaga tggagctgga ctctctggag 240
aggactgggt gtttgtctcc tctaaagacg ccgatctcac ggatacagca canaccgcgc 300
ccctgtttga gaaggtccaa cccacacacg tcatccatct tgetgcaatg gtggggggcc 360
tgttccggaa tatcaaatac aatttggact tctggaggaa aaacgtgcac atgaacgaca 420
acgtcctgca ctccggcctt gaggtgggcg cccgcaaggt ggtgtcctgc ctgtccacct 480
gtatcttccc tgacaagacg acctacccga tagatgagac catgatccac aatgggcctt 540
cccacaacag caattttggg tactcgtatg ccaagaggat gatcgacgtg cagaacaggg 600
cctacttcca gcagtacngc tgcaccttac cgggtgtcatt cccaccaacg tctttgggcc 660
ccacgaacaa ctttaacatc gaaggatngg ccacntgctt gcctgggctt cntccacaag 720
gtgcaccttg ggcaanaanc aacggnntcg gnccttgacg gtgttggggg 770

```

```

<210> 1839
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 1839
tttgaaancc ctttgctact tgtctttttt gcaggatccc atcgattcga attccgttgc 60
tgtcgctttg aaatgtaaca aatgggtacta cnaccaattc caagttttaa tttttaacac 120
catggcacct tttgcacata acatgcttta gattatatat tccgcactca aggagtaacc 180
aggtcgtcca agcaaaaaca aatgggaaaa tgtcttaaaa aatcctgggt ggacttttga 240
aaagcttttt tttttttgag acggagtctt gctctgttgc ccaggctgga gtgcagtagc 300
acgatctcgg ctcaactgcac cctccgtctc tcgggttcaa gcaattgtct gcctcagcct 360
cccgagtagc tgggattaca ggtgcgcact accacaccaa gctaattttt gtatttttta 420
gtagagatgg ggtttcacca tcttggccag gctggtcttg aattcctgac ctcaagttag 480
ccaccacact tggcctccca aagtgttagt attatgggcy tgaaccacca tgcccagccc 540
gaaaagcttt tgaggggctg acttcaatcc atgtaggaaa gtaaaatgga aggaaattgg 600
gtgcatttct aggacttttc taacatatgt ctataatata gtgttaaggc cttttttttt 660

```

tcaggaatca tttggaaaat caaaacaatt ggcaaaacttt ggattaatgn ggttaaagtg 720  
cagganacat tggattcttg ggcaccttcc taa 753

<210> 1840  
<211> 755  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(755)  
<223> n = A,T,C or G

<400> 1840  
aacntcggnt caaccntgc tgggtgtttan atgtaacntn ngntnctnca cccaatncca 60  
gtcttctntt ttnnacaaca tggcccaaaa aagcaaccag ggctatttgt acagttgaag 120  
gggtgaacag aatgggcggc tgtgctggga gttggaagac ngggcagnac cgctattnag 180  
agccatccct nactcagctg gcagggacaa gccaacgcca ggtagcatgt ggcaccctt 240  
gcccantgtc tgtggcctgg caagtggcca cgccctgtgt canaccatct gggaattaag 300  
ctccagacag acttacagat gccttcctta ggagtctctg cttcttgcgt tgatactttg 360  
ccccanaaag gcctgggatt cattctggnn cttatcaggg tgtgtccacn ctctgctnac 420  
aggnggatcc nccggctttc agtgcngaca gnccagatgc ttctgcagc ccangccccg 480  
ggcaccttct gnaaccatnt tgggctnaag acctgaagcc ggtttcctng gtccccnttt 540  
ccaacaagcc ttcaccaaca aagcttnggc caaannnttn cnttctnggt tgnntttnac 600  
ccngcttngg gcctncnagc nttgaanctt ggaaaannaa ntttttcccg aaanttgttt 660  
ntgggaaacc cnagggcnaa nggtttttaa gggaaggtcc naaaaggnnn ttccggggcn 720  
ggnaaaccaa gncccaagg nttntaaaca aggcc 755

<210> 1841  
<211> 838  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(838)  
<223> n = A,T,C or G

<400> 1841  
tactcgatcg antcgtgctg tcgtcacggt actttgcccc agtcaccccg angtcangcg 60  
ttanancagg aattngancc ccaaagetta nctnttancc ntttngntaa cnggntgtnt 120  
ttccaggccc cntnacent ttcnntnacc ntccentgcc ccaggggcnt cntntcaaan 180  
ggcngttccc cntcgnntg cntcagcntn tccantttaa agcttctntg ntctcctcnt 240  
gttgaagtcn tgggatggnt ttcccntntc anaaactgcn caanaaaca ccttggagtt 300  
ttgaacaaa gntattcaag gagtnttcaa gaatgaatct tcntaatcgt ggtcatgaga 360  
catgagaaaa aagggtgtcta ccacgtcttg tctctactca taaagacatt ggcaggtgc 420  
ggnggctcac gcctgtaate ccagcacttt gagagggcaa ggtgggcgga tcacctgagg 480  
tcagaagttc aagaaccagc ctggccaatg tgacaaaacc ccatctnta tnaaaatata 540  
aaagttaact ggggtgtggtg gcangtgcct gtaatnccaa cttcnttggg angcgaaggc 600  
aggaagaatt gctttgaacc ccgggaggcg gagccttgca ntgagctgaa aatcacactt 660  
actggacttt caacctgggg gtaccaaaan ggganggctt ttgctttaan naaaaaaaan 720  
nnnnnnnnna aaaatttctt tggggggcgg gntttttttt cggnnnaatn cccanccttt 780  
gtaaaaaaa ncctttgggn ggaggtttng gggaaaaaaa ccnccnnnn nntttttt 838

<210> 1842  
<211> 753

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(753)  
 <223> n = A,T,C or G

<400> 1842  
 nnnntnttgt ttgaaccnt ttcnatnccg tgctgtcggc cacggctactt tgcccaaaagt 60  
 caccctcgatg tcaagcggtt gagcaagaat ttgaacccca gagcttaact cttaaccatt 120  
 ttgctaactg gctgtctctc caggccccc caccctttc catcaccctc cctgcccga 180  
 ggggcacccct atcaaatggc agttccccc tcgcttgccct cagcatctcc aatttagagc 240  
 ttcatggatc tcctcctggt gaagtcattg gatggatttc ccatctcana aactgcacaa 300  
 gaaacaacct tggagttttg aacaaaggat attcaaggag tattcaagaa tgaatcttca 360  
 taatcgtggt catgagacat gagaaaaaag gtgtctacca cgtcttgtct ctactcataa 420  
 agaacattgg ccacgtgcgg tggctcacgc ctgtaatccc agcacttttg agagggcaag 480  
 gtggggcgat cacctgangt cagaagttca agaccagcct ggccaatgtg acanaacccc 540  
 atctctataa aaatacaaaa gttagcctgg gtntgggtggc aggtgcctgt aatcccagct 600  
 tccttgggag gcgaangcng ganaattgct tgaaccccgg taggcgnngc tttgcattga 660  
 gcttanaatc acactactgc actncaatcn tngggtncaa aagggaaggct ttgctanacn 720  
 anaatcnnta anaaanttec gggncnccnt ttn 753

<210> 1843  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 1843  
 nnnnnnnnt tttnnacctt cgnnttcgaat tccgttgctg tcggacatca cagcccctat 60  
 gaagaaagta gccacaatct caaataacaa aagggaatgt tctaaaaactt tttcttcctt 120  
 aaaaatggag aaaattgcac ttgtgcttgc tgtgtggtat ataaaccagg attagtccca 180  
 gggtcgtgag gtttctggtg aaaagggttaa atcgtagaag ctagtatatt ttttatattt 240  
 ttgtaacaat tgcttttttc atggggggagg cgggggttagt atttatagtc ctaacaagtc 300  
 cagtaatttt ttataaatct tcagattata aacagcccct aaaaacttta caacgtttac 360  
 acagtttttt aaaaagagac tgtatacact tgatttgctt tcaaaataaa taaggctcagc 420  
 tagtctagga gggttaacgct gggttagaat gctgatcatg ataggtttgg tttctacag 480  
 attctgttcc ggtgccttcc ctatccaggc accacctgag aaagttgtca tttgaggtcg 540  
 cacttggaag ttacatctgt gaagtttctg tcatctgtcc agatctgtgt gtgtagcatg 600  
 tgctgaggaa gcacgtgctg ggctgtgcct cagacagtgc atcaccgggc acccagaggc 660  
 ttgctgggct attcctgttc tgggtgtgtg ggagtgttgg ggaggaacag atgcagatca 720  
 acctgtggct gtttcccgct taggttct 748

<210> 1844  
 <211> 843  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(843)

<223> n = A,T,C or G

<400> 1844

```

nttcgattcc gtgctgtcgg gctgtacaaa aggtagacat aatagtgaga agccacctga      60
gccagtcaaa cctgaagtca agactactga gaagaaggag ctatgtgaat taaaacccaa      120
atttcaggaa cacatcattc aagcccctaa gccagtagaa gcaataaaaa gaccaagccc      180
agatgaacca atgacaaatt tggaattaaa aatatctgcc tccctaaaaa aagcacttga      240
taaacttaaa ctgtcatcag ggaatgaaga aaataagaaa gaagaagaca atgatgaaat      300
taagattggg acctcatgta agaatggagg gtgttcaaag acataccagg gtctagagag      360
tctagaagaa gtctgtgtat atcattctgg agtacctatt ttccatgagg ggatgaaata      420
ctggagctgt tgtagaagaa aaacttctga ttttaataca ttcttagccc caagagggct      480
gtncaaaaag gaaacacatg tggactaaaa aagatgctgg gaaaaaagtt gttccatgta      540
gacatgactg gcatcagact ggaggtgaag ttaccatttc agtatatgct aaaaactcac      600
tttcagaaac cttancccg a gttgaagcca aatttgccca tttggttaan tggngcatta      660
tttggaattt tngaaagggn cannaaaggg aatttttgga tccaaaaaat ngtggaaaat      720
ttntttgggg ggnttgtgga atntggaatg ntnaaaancc nnaanntttt tggttaancnt      780
atntgacctn ggcnnaccna angtatgttg gaanttcccc ttttttgtna ataaaaaaag      840
nct

```

<210> 1845

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (815)

<223> n = A,T,C or G

<400> 1845

```

ttactttnaa cccttgcnan tccgggctgt cgggctgtac aaaaggtaga cataatagtg      60
agaagccacc tgagccagtc aaacctgaag tcaagactac tgagaagaag gagctatgtg      120
aattaaaaacc caaatctcag gaacacatca ttcaagcccc taagccagta gaagcaataa      180
aaagaccaag cccagatgaa ccaatgacaa atttggaatt aaaaatatct gcctccctaa      240
aacaagcact tgataaactt aaactgtcat cagggaatga agaaaataag aaagaagaag      300
acaatgatga aattaagatt gggacctcat gtaagaatgg aggggtgttca aagacatacc      360
aggggtctaga gagtctagaa gaagtctgtg tatatcattc tggagtacct attttccatg      420
aggggatgaa atactggagc tgttgtagaa gaaaaacttc tgattttaat acattcttag      480
cccaagaggg ctgtacaaaa gggaaacaca tgtggactaa aaaagatgct gggaaaaaag      540
ttgttccatg tagacatgac tggcatcaga ctggaggntg aagttccatt cagtatatgc      600
taaaaactca ctttcagAAC ttacccgagt agaacaata gcacattggt aaatgtgcat      660
attgttttgg aaggagagaa aggaattttn tcaaaatggt gaaaattatt tgggggtgtg      720
attggatgtt aaaagccgaa agttttgtta cctnttgact ggcaaccaa agaattgnaa      780
tcacttntga gnaaaagctt gaaccgatg ccagt

```

<210> 1846

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (801)

<223> n = A,T,C or G

<400> 1846

```

gnnttnnacc ncnatcgan ttccgttgct gtcgctgacg gcgcttttgt ctccgggtcc      60
agaggccttt cagaaggaga aggcagctct gtttctctgc agaggagtag ggtcctttca      120
gccatgaagc atgtgttgaa cctctacctg ttaggtgtgg tactgaccct actctccatc      180
ttcgtttagag tgatggagtc cctagagggc ttactagaga gcccatcgcc tgggacctcc      240
tggaccacca gaagccaact agccaacaca gagcccacca agggccttcc agaccatcca      300
tccagaagca tgtgataaga cctccttcca tactggccat attttggaac actgacctag      360
acatgtccag atgggagtc cttccttagc agacaagctg agcaccgttg taaccagaga      420
actattacta ggccttgaag aacctgtcta actggatgct cattgcctgg gcaaggcctg      480
tttaggccgg ttgcggtggc tcatgcctgt aatcctagca ctttgggagg ctgagggtggg      540
tggatcacct gaggtcagga gttcgagacc agcctcgcca acatggcgaa accccatctc      600
tactaaaaat acaaaagtta aatacaaaag ttaacttggg tgtggtggca aaagcctgta      660
atccagcttc cttgggaagc tgaaggcngg aaaaaatgct tggaccccg ggaaggaggt      720
tacaagtgag ccganatcgc acttggtgta cccaagcctg ggncccagt caagaatcct      780
tttcaaaaaa aaaaaaaaaa a                                             801

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```

<210> 1847
<211> 788
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(788)
<223> n = A,T,C or G

```

```

<400> 1847
gnnnnnnnnn nnnnttttn naactcgntc gaattcctg cttgtcctg nccggcgttt      60
tgtctccggg tccagaggcc ttccagaagg agaaggcagc tctgtttctc tgcagaggag      120
tagggctcct tcagccatga agcatgtgtt gaacctctac ctgttaggtg tggtagtgac      180
cctactctcc atcttcgtta gagtgatgga gtccctagag ggcttactag agagcccatc      240
gcttgggacc tcctggacca ccagaagcca actagccaac acagagccca ccaaggcctc      300
tccagaccat ccatccagaa gcatgtgata agacctcctt ccatactggc catattttgg      360
aacactgacc tagacatgtc cagatgggag tcccattcct agcagacaag ctgagcacccg      420
ttgtaaccag agaactatta ctaggccttg aagaacctgt ctaactggat gctcattgcc      480
tgggcaaggc ctgttttaggc cggttgcggt ggctcatgcc tgtaatccta gcactttggg      540
aggctgaggt ggggtgatca cctgaggtca ggagttcgag accagcctcg ccaacatggc      600
gaaaccccat ctctactaaa aatcaaaagt taaatcaaaa gttagctggg tgtggtggca      660
aaaggcctgt aatcccagct tccttgggaa gctgangcgg gagaattgct tgaaccccg      720
ggaengaggt tacagtgagc ccagatcgca ctgttgatcc canctggggc cacagtgcga      780
gaattcat

```

```

<210> 1848
<211> 764
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(764)
<223> n = A,T,C or G

```

```

<400> 1848
actngntcnn atccngtgct gtcgngntt agagttaaaa gtcaataagc attacaaaaa      60
ttgccatttt gacatcagca aatcaaatct ctctatctaa ttaaaggaaa accctttctc      120
ttatttctct tctcttttcc tcttctcttc ctctctctct atttcccttc tccttatccc      180
cttgctctcc tcttctgctc tttctctact tctctntct cttttnctga tgtatgncta      240

```

tnntatattt	tcagaaataa	ttcagtggca	tctcatgtag	atgtaccact	ttcttattgc	300
aactcagagt	gcaattgtga	tgaaagtcan	tgggaaccag	tctgtgggaa	caatggaata	360
acttacctgt	caccttgtct	agcaggatgc	aaatcctcaa	gtggtattaa	aaagcataca	420
gngttngata	ctgtagttgt	gtggaagtaa	ctggctccag	aacagaaata	ctcancncac	480
ttnggggtgaa	tgcccaagag	atantacttg	taccaaggaa	nttttcatct	atgttgcaat	540
tcaagtcata	aacctctttg	ttctctgcaa	caggaggtag	cacatttatc	ttgttgactg	600
tgaagattgt	tcaacctgaa	ttgaaagcac	ttgcaatggg	gttttccagt	caatggttat	660
aagaacacta	gggaggaatc	tagctccaat	atattttggg	ggctctgatt	gataaaacca	720
tgtatgaagt	ggnccaccaa	cagctgtgga	gccaaggag	cttt		764

&lt;210&gt; 1849

&lt;211&gt; 871

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(871)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1849

ctcngtctgat	tccgtgctgt	cggagctaga	tggactagga	gagacttgat	tttggtgcta	60
aagttcccca	gttcatatgt	gacatctttt	taaaaaaaaat	aacaacaaaa	aaaaanngag	120
agaaangcta	aaaaaaaaang	taggggggtga	ccagttaagg	gtttnnattc	cncatncaat	180
atcngggtaa	aacgattncc	tgtaaaagta	gcttnaangg	tttngctct	aaaatnccgt	240
aggctctatcc	ttagagcact	cacgccatgc	tttcttcctc	gggtttnaaa	cttcataata	300
ctttcanaaaa	tnggagagca	aaaatttngc	tngtcaactgc	acatcaattt	aaaaaagctt	360
atttaactta	tcaaaaacgtn	tttattgcca	aactatgctt	tttttggtaa	atttgnccat	420
attaatcggg	atgacaaatc	catagaatnt	atcctttnat	gtnaaattat	ganctcatat	480
taatcttaaa	attttgngac	gngtcttttc	cctttttttc	cacagtttaa	atatataatt	540
cttaaccgac	atttttngga	acctttacac	tttttnggg	aatttaantt	ttaaaaaaaa	600
attgaaaaaa	nttaaatattt	aaaaaaaaaat	ggcnaaaaa	accctggtn	ggaattaatt	660
taaatttttn	aaaaaaattt	tcccccccn	ttttgggggt	ttggggaacc	tggccaaaaa	720
ttggggaagt	ttnncttttt	nccnnntttt	taaagggncc	cttttttnca	ccaaaccttt	780
gggggaccct	gggaaaaaan	tgggnnttn	ggtaaaaaaa	agnttnnct	ggggggaacc	840
cnggntnccc	ccnnnaaagg	gggnaaaann	c			871

&lt;210&gt; 1850

&lt;211&gt; 936

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(936)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1850

ttgnancnct	ttcgaatccg	tgctgtcgcg	ggtgagtgag	agagttgggt	ggtgttgggc	60
cggaggaaaag	cgggaagact	catcggagcg	tgtggnnttg	agccgcgcga	ttttttaacc	120
ctagatctcg	aaatgcacg	tgattcctgt	ccattggact	gtaaggttta	tgtaggcaat	180
cttggaaca	atggcaacaa	gacggaattg	gaacgggctt	ttggctacta	tggaccactc	240
cgaagtgtgt	gggttgctag	aaacccaccc	ggctttgctt	ttgntgaatt	tgaagatccc	300
cgagatgcag	ctgatgcagt	ccgagagcta	gatggaagaa	cactatgtgg	ctgccgtgta	360
agagtggnac	tgctnaatgg	tnaaaaatnga	agtttgaaat	cgtggcccac	cttcctcttg	420
ggggtcgtcg	ccctngagat	gattatccgt	atgaggagtc	cntccacctn	gttncanatc	480



```

tccaanaang gagaaagctt tttnttcnca nccccgnagc caangtcccc ctttttctag 540
nagaattngg annaantaat tagtangant cctctttgtt ttcgggggnan nanaaaaaat 600
tcnnccaaag anccngttcc nccggantcc cttttcttcc taaggggtct ttcgggtaan 660
ttccgnantc cntatgggct ccaaaanttg gaaatngggg taattttatg caactctacc 720
aagtttttgg tcaanctaaa aaaanttnng ntttgtcncc cnggggaaaa atttnncttt 780
taattnttn anccccngaa ctttttgntt cccctgaaaa nttttccaaa gntttnnggt 840
tttttnaaaa anttttantt aaaacntttg gncccccant ttttttaaaa nnatgttttt 900
aaaatcctgt gttctcnaaa antctngttt tngcct 936

```

&lt;210&gt; 1851

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1851

```

gtnannccn ngangcggca gnetgcttnt ngccaancag tcctattgng aggtctnggc 60
tatcaggcca gntgtnanac cactccatgc actgggtgtg ctctgtnggn cagggnctgg 120
gagggaaact ncctntcctt cccttaacca agcatgaatt atgtttgtta gcaaacctct 180
ctgggaatat atgtcaagcc acattcctcc tggggcagct gcaacttcag ggcttcacaa 240
taaacagttc tgaaaaccag atattatctg caatttagca tacagcatgg aattatgata 300
cataattcac tatgcttcag agaatagggc tgcaagaaga taaaataagg gttttaattc 360
ccagctatct ctctcaaatt ttaagagaga tggtatggac tgtgctctcc ccacaaccg 420
gcccataagt cgcagtgtga agttcttacc tctagtacct tggactgtga ctatatattg 480
aaacagggcc tttaaagaga cagttaagtg aaaaggaggc ctttagtatg ggcctagtgt 540
aatctgccag cccttatcag attaataaag ntaaatcnc ngaaagatcc ngagatgcnt 600
tagcgcaang aaagacatgt gacncaccaa gagaagcagc catagcaacc aaaacagtgg 660
ccttagaana atcaaccctg cngtccttgt cttggacttt cacttccaaa tgtaagaaag 720
aactcngatg ttaagcatcc tctgngaatt tgttgg 756

```

&lt;210&gt; 1852

&lt;211&gt; 762

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (762)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1852

```

tcgtctgaan cgggcagcac tgcattcat agccaaacag tcctattgag aggtcttgg 60
ctatcaggcc agctgtcaga ccactccatg cactgggtgt gctctgttgg tcagggactg 120
ggagggaaac tacctctcct tcccttaacc aagcatgaat tatgtttgtt agcaaacctc 180
tctgggaata tatgtcaagc cacattcctc ctggggcagc tgcaacttca gggcttcaca 240
ataaacagtt ctgaaaacca gatattatct gcaatttagc atacagcatg gaattatgat 300
acataattca ctatgcttca gagaataggg ctgcaagaag ataaaataag ggttttaatt 360
cccagctatc tctctcaaat ttaagagag atgttatgga ctgtgctctc ccacaacc 420
ggcccataag tcgcatgttg aagttcttac ctctagtacc ttggactgtg actatatattg 480
gaaacagggc ctttaaagag acagttaagt gaaaaggagg cctttagtat ggcctagtgt 540
taatctgacc agcccttacc agattaataa agttaataac acagaaagat accagagatg 600
cattagcgca aaggaaagac catgtgagcc ncacnaagag aaggcagcct nggcaagccc 660

```

aagaacagtg gccttagaag aaatcaaccc ctgccagtag ccttgatctt ggaccttcca 720  
gctttccaaa attgtaggaa aaggaactcc tgaggttnaa nn 762

<210> 1853  
<211> 788  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (788)  
<223> n = A,T,C or G

<400> 1853  
tactcgatcn nattcgnaac cgtgctgtcg catctaacttt cagtttcccc atgttacttt 60  
tgtaacaggg atttgagacc ttaaactgtt catcaaagta agccctaata gaaaggcaga 120  
gcaataagag cacatgtgtg tgtaattctc ctttgcaagg agaatttcat ttagttccat 180  
tgtcatatag accagtgtca ccccttttcc ctgattccta ctgttaacaa ctatttttca 240  
gtgcctttga agatactgac ccttctacct gccagctgt ttttaaacag ctggagcgtg 300  
atgatggtca taaaatatat aagtgtttta gcatgtacag taaaactagg ttgtttagtt 360  
aaacatagag ttttgctac tttttcaatt cgtttgactg cagggtgtgg catttagttg 420  
caaaccattt ccatagtctg ctccactgt ccagttaatc tgttttttcc cccttctatc 480  
atctgagcat tcatctgtca tttccttctt ttttatattt ttatttatatt atttatttat 540  
ttatttttga gatggagtct cactctgtcg ttcaggctgg agtgcagtgg tgcagtctca 600  
gtcactgca atctctgct tccaagttga agcaattctn ctccctcagc ccttcctagt 660  
agctggggat tacaggtgtg gtatcaccat ccttggttaa tattgtnttt taanaagaga 720  
tgggngnca ctatgttggg cangctggcc ttgaactcct gacctcaggg gaatcttctc 780  
ccttggcc 788

<210> 1854  
<211> 994  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (994)  
<223> n = A,T,C or G

<400> 1854  
tngntngacg ntgagagacn gtgtaaggcg tgntanagcg agnctatttc attacgtgnc 60  
anccctntta tcagtaatac cnaacgactt gccatggagt cacagcgtg tgctacganc 120  
cagggnatca gccctaggag ggcncctnag gggagaacta ggtgtncaga aancngtatg 180  
tggtgaaant ctngngngan ggtgtgggnt nngantacnt agngnntatc ctnnnancac 240  
ttannnnnnn cntttnnccn ngggnntgaa atnnncanang ccttngacaa atnngagngc 300  
caaagtntng gnnnnanctg nnccttnnna anannnnnct tgtgtntcta ccaaacgnna 360  
tttnattgcc cnaactnactn nttnnancnt gttanntttc ngacnanttt cntgnnntc 420  
nncaacaccc ntcttaaata ttacctncct tntnatgntg aantttanng anancecccn 480  
tntcattana ccccnataca anaattntnt nncnctntca tegntnnntt atatccccc 540  
tnatttcttt negnccctc ctntatngct tgacaanaca ttgtgnntcn nnannntntt 600  
ttaaancggn ccttctctnt ctntactcgg gaaaaanactc tttntcacac antctntttt 660  
acttntttgg gggggcataa atctcctaaa atctntctcc ncaanacgaa caacanagcg 720  
ttctcaaant nggcantnta anactcttct cttacaaaaa ntnttcgngc nccnnnanat 780  
caatctccnt gcncncnggg anttttctct tcatctantt tcttngggga tnaaaaattt 840  
cacccccnc ttntcttngc gtcttngctn nntannctca natnngngg nttgnntnt 900  
ctctctctct ttaagggtc nntcccaan ntttngnnnc nttnnaannt ttntcttaa 960

anctncttnn gccnnctcc caaacagnaa aann

994

<210> 1855  
 <211> 914  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(914)  
 <223> n = A,T,C or G

<400> 1855  
 ttctgcggac gctcccgcgg agcggaaacc tcattgtggt ggagagcgtg ctcatggcng 60  
 tggccttcct gggccatgct gatggtgctg ggtttgngcg gagccgctta ccggcccacg 120  
 gaggagatcg atctgcgcag cgtgggctgg ggcaacatct tccagctgcc cttcaagcac 180  
 gtgcgtgact accgtctgcg ccacctcgtg ccttncttta tctacagcgg cttcgagggtg 240  
 ctctttgcct gcactgggat ngcctttggg ctatggcgtg tgctcggtgg ggctggagcc 300  
 ngtgcctta cctcctcgt tgcttacagc ctgggcccgc tcatccnct cactcntggg 360  
 cctgnntgng cctgtggctg ccacgcccgg tgcccnggtg gctgnagcaa gggnttgac 420  
 ctgctagctc acccttcant cctctttttt nctggggccc ccctgcgccc tntngngtcc 480  
 ctgcaacaca ancntggaat ccttcatatg ttngnantca tggncctnt tcggaggcnn 540  
 ngggncnagt cgtccctgna acaaagaact ttgggncttc natcancaat cttcnatggg 600  
 ggaaaaatct ttggnatcc aananccnt tcggnaacan nanctnnggc aanctntcac 660  
 anncttcttn anccantctc tntaacncan acnttggttt ngnaaaagg tatcttagtn 720  
 tgggcncaaa ntatttcnna cccgngncgt tcancctctn ggggnncntt tctctnaatn 780  
 ccttgctctc tannccttna ataaaggngc cctctaaaac acncntgnnc ntcacatctc 840  
 tcacatctag tttctacnna tgnanactgc actctctgtt ctngggactn gcgtccnttc 900  
 acttctttnt tctt 914

<210> 1856  
 <211> 804  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(804)  
 <223> n = A,T,C or G

<400> 1856  
 nattenaccn cgntcggccc gggacctcag cggtttcaac aagacggttc tgcggacgct 60  
 ccgcgggagc ggaaacctca ttgtggtgga gagcgtgctc atggcagtggt ccttcctggc 120  
 catgctgctg gtgctgggtt tgtgcggagc cgcttaccgg cccacggagg agatcgatct 180  
 gcgcagcgtg ggctggggca acatcttcca gctgcccttc aagcacgtgc gtgactaccg 240  
 cctgcgccac ctgctgcctt tctttatcta cagcggcttc gaggtgctct ttgcctgcac 300  
 tggatcgcc ttgggctatg gcgtgtgctc ggtggggctg gagcggctgg cttacctcct 360  
 cgtgggttac agcctgggcg cctcagccgc ctcactcctg ggcctgctgg gcctgtggct 420  
 gccacgcccc gtgcccctgg ttggctggagc aggggtgcac ctgctgctca ccttcactct 480  
 ctttttctgg gccctgtgc ctgggtcct gcaacacagc tggatcctct atgtggcagc 540  
 tgcccttttg gggttgtggg cagtgccttg aacaaagact ggactcagca caactcctgg 600  
 gaatcttgta cgaaaaccaa ggaagaaaca nggacttcat cttcaccatc taccacttgg 660  
 tggcanctg ngggcatctt taaccngta cctgggcttc gaaccttgca catgaaggct 720  
 aaacttggc gtgcttgctg gtgaacctgg tggcgggccc ctatctacgt aaaatcccaa 780  
 acttgataag aaacctttga tgan 804

<210> 1857  
 <211> 803  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(803)  
 <223> n = A,T,C or G

<400> 1857  
 tnattntacc ncnctcgant ccntgctgtc gaataaaaagc aaacagaaca ctccaactta 60  
 gaagcaataa cggctgccgc agcagccagg gaaagacctt ggtttggttt atgtgtcagt 120  
 ttcaacttttc cgatagaaat ttcttacctc atttttttaa gcagtaaggc ttgaagtgat 180  
 gaaacccaca gatcctagca aatgtgccca accagcttta cttaaagggg aggaagggag 240  
 ggcaaaggga tgagaagaca agtttcccag aagtgcctgg ttctgtgtac ttgtcccttt 300  
 gttgtcggtt ttgtagttaa aggaatttca ttttttaaaa gaaatcttcg aagggtgtgt 360  
 tttcattttc cagtcaccaa cagatgaata attatgctta ataataaagt atttattaag 420  
 actttcttca gagtatgaaa gtacaaaaag tctagttaga gtggatttag aatataattta 480  
 tgttgatgtc aaacagctga gcaccgtagc atgcagatgt caaggcagtt aggaagtaaa 540  
 tgggtgtctt tagatatgtg caaggtagca ttagtagcaa cttgagtttg ttgccctgag 600  
 aancangcgg gttgggtggg angaggaaga aagggaagaa ttaggtttga attgcttttt 660  
 taaaaaaaaa gaaaagaaaa aagaccgcct ctctntttgt tgccaagct catctttgan 720  
 aaaccangcn gtttgggtgg ggaggaggga aaaaaanggg aanaattang gtttggaatt 780  
 gnntttttta aaaaaaaaaa aat 803

<210> 1858  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(739)  
 <223> n = A,T,C or G

<400> 1858  
 tcgntcagnn ccgtgctgtc gaataaaanca aacagacact ccaacttaga gcaataacgg 60  
 ctgccgcagc agccaggga gaccttggtt tggtttatgt gtcagtttca cttttccgat 120  
 agaaatttct tacctcattt ttttaagcag taaggcttga agtgatgaaa cccacagatc 180  
 ctagcaaatg tgcccaacca gctttactaa agggggagga agggagggca aagggatgag 240  
 aagacaagtt tcccagaagt gcctggttct gtgtacttgt ccctttgttg tcgttggtgt 300  
 agttaagga atttcatttt ttaaaagaaa tcttcgaagg tgtgggtttc atttctcagt 360  
 caccaacaga tgaataatta tgcttaataa taaagtattt attaagactt tcttcagagt 420  
 atgaaagtac aaaaagtcta gttacagtgg atttagaata tatttatggt gatgtcaaac 480  
 agctgagcac cgtagcatgc agatgtcaag gcagttanga agtaaatggt gtctttaga 540  
 tatgtgcaag gtagcatgat gagcaacttg agtttggtgc cactgagaag cagccggttg 600  
 ggtgggaaga ggaagaaagg gaagaattag gttgaatgct ttttaaaaaa aaaggaaagg 660  
 aaaagacagc atnttactnt gttgcccaagg ctcatcttga gaaacagccn gttgggttgg 720  
 gaggaggaa aaagggaat 739

<210> 1859  
 <211> 786  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (786)  
 <223> n = A,T,C or G

<400> 1859  
 tactcgtacn nnnnccgatt ccgngctgtc ggaagaacat aaacaggatg ctgagagatt 60  
 gggctctctcc acattgcccc ggctgctctc cacccttgag ttcaagtgat tcacctccct 120  
 tggcctccca aagtactggg attacaggcg tgagccaccg tgctgggctg agaagatgga 180  
 tttaagacat attttgagg taacattgtc aggacttcct gaaggattag atgtggaagg 240  
 gaaggataag aaacagacca aggataactt tcaaattgtat gcttaagcaa ctggatggat 300  
 aatgatgccca ttgagttagt gaaaaacttg atggaagtgg aagattcaga gttcatttct 360  
 atctaggtta atttgagaca taccagagca taagttaagt aagtaattga atattggagt 420  
 ggagacttat ttgtctaccg aattattgtt ttctttgtcg gacatacacc tacactgcat 480  
 tcctcaaagt aaaatttaag tgtggctctg tgcctatgct ctccccagcg gaaagtgacc 540  
 agaagagggtg tgcagtttcc aggcctggcc catacagacc tccaacangt gctccctgt 600  
 gctgttactc cttctgccac tggaagcaga tggtgaccag ctctggaana angcaaggcc 660  
 tgaagatggg agattcctaa gtggaggaga actgngccct tctgacctaa atatncactc 720  
 atattggtat gtgaagaata aataaacctt gtgttgaccc nttaaaaaaa aaaaaaaaaa 780  
 aaaaat 786

<210> 1860  
 <211> 1431  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (1431)  
 <223> n = A,T,C or G

<400> 1860  
 cgngggccnn ngngnnnnna nngaaaagnn annnnnnnnn nnnnnnnnnn nnnnngnana 60  
 gaanangnnn nncnnnnnnn nnnnnnnnaag nagannnnngn anncaanngn nnnnagagaa 120  
 ngnggcacga gannnnnaccn ggcgagaana nnnccgngag agnaanngtc naggnnnnann 180  
 nnnnannnnn ngngnngnta tgacgttnnaa acccttcggg nnagacangn ccgccagtat 240  
 ggccaggctg ggggacnnaa ctnggcggac tacgggnaga ccnggncgnt tttggcctct 300  
 tttttntgcy cggaannag aggcggagga nccacgnnna cngggccgaa ancangggccc 360  
 nngtcnataa ngncgcnnan nancgcgcng gangggcggn cngnaagat gancggnnan 420  
 gcgcnnagan angaggcnan nnggcnggg caagcnnnna nnggnagcag ngtgngnaga 480  
 naangnccga ggcngnngnn cganannngn gantcgggag ncannngnna ngagngagan 540  
 acaaaanggn aatgggcgna nnnncgnggn gnnccgnnnag cnanggangc cngagnncgg 600  
 gngacannca gcaagagnca cnnccgangg nagacntccn gcncgnaggg aaagccnana 660  
 anangcgcn ctggcnnang cggnggngnn aagagngnag nncgnnngnn nnnnggnggg 720  
 tgcgacgacg aggnccnggc agnaggcaag gcanggcgcg ggnnnnagag gnaaagcgcg 780  
 naancacgnn gnggagngnn ggnanggata gcgnggaaan acgacggnan ggggacagna 840  
 gnnagagnag cgnagcggn anacgcgnnn gcggacnang cggnaangann gnanggcacg 900  
 ngggaangng gnggnagaga gngggaangn gngngannnn gcngcnnaga ggggacacgn 960  
 gggngggggg agnaaagnng nnggagganc gnggnnatng naatnannng gnannaacgg 1020  
 gnanangggg gcgancnna nnncaaggga ngngcgancg ganggggnan acgctaaaag 1080  
 cgnaaagtgg anngagggga anngcggata nnnngnantn ntangagaag anaagcganc 1140  
 gagggntggc gngcgaaana nanacgggag gannacaaag cgnncanggg ggggcncgag 1200  
 ngggngggga cngggnnnng aaggggggga cggncnnna ggggcgcncg angnggcana 1260  
 aaatgaagag gngggggagg gnggacntgg tctgnggcga agaaaagng cnggcacgna 1320  
 ggacaagaaa nngggggggg nggganaana ngacagggng ggggggaagg tngaaaangg 1380  
 nggaanaagg ggaganannn ncccnggggn ncgtaannag nannnnnnng c 1431

<210> 1861  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 1861  
 ngtcnnnanc ccttcgcgag cgcagacgga accgcgatgg tggcaccttt attagtgatg 60  
 cagacgcagct cgtgagtgcc atgacgtca ngatgaatga agctgctgag gaagacagac 120  
 agttgaacaa tcaaaaaaag ccagcactga aaaaattaac tttactgcct gctgtagtta 180  
 tgcaccttaa gaagcaggac cttaaagaaa cattcattga cagtgggtgtg atgtctgccca 240  
 tcaaagaatg gctctcacct ctaccagata ggagtttgcc tgcactcaag atccgggagg 300  
 agctgctgaa gatcctgcaa gagctgccta gtgtgagcca ggagaccctg aagcatagtg 360  
 ggattggacg agcagtgatg tatctctata aacaccccaa ggagtcaagg tctaacaagg 420  
 acatggcagg gaaattaatc aatgagtggg ctaggcctat atttggtctt acctcaaaact 480  
 acaaagggaat gacaagagaa gaaagggagc agagagatct agaacagatg cctcaacgac 540  
 gaagaatgaa cagcactggg ggtagacac ccagaagaag acctggaaaa ggtgctgaca 600  
 gggagaagag aaggctctta gacctgggag atnctggatt tgtgccccgt gccaaagggtc 660  
 ccaatgcctt caaacaagga ctatgttntc aggcccaatg gaatgtggaa atggagtcac 720  
 ccagggtttca gcgacctcca aaaaggatat aatccn 756

<210> 1862  
 <211> 778  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(778)  
 <223> n = A,T,C or G

<400> 1862  
 tnacantgaa ctcttttgaa anccccngct gncgggaagc tcgatgtccc aatattggag 60  
 agtggtgggg aggtggagaa tatgccaccg ttttnccacg atcatgttga tgggtgacac 120  
 atgtacaana ggttgagatg tttgttctgt tnatactgca agaaatcctc ctccactgga 180  
 tgccagttag cctacaata ctgcaaaggc aattgcagag tgggggtctgg attatgttgt 240  
 cctgacatct gtggatcgag atgatatgcc tgatggggga gctgaacaca ttgcaaagac 300  
 cgtatcatat ttaaaggaaa ggaatccaaa aatccttgtg gagtgccttt actcctgatt 360  
 ttcgaggtga tctcaaagca atagaaaaag ttgctctgtc agggattaga tgtgtatgca 420  
 cataatgtag aaacaagtcc cggaattaca gagtaagggt cgtgatcctc nggccaattt 480  
 tgatcagtcg ctacgtgtac tgaaacatgc caagaaggtc agcctgatgt tatttctnaa 540  
 acatctataa tgggtgggttt aagcgaagaa tgatgaagca agtatatgca acaatgaaaa 600  
 gcccccttct gaggcagatg tagactgctt tgacttttag gacaatatat tgagcccccac 660  
 aaggcgctcac ctttaangnt ggaagnaata ttattacctc cctgaaaaan tncaataact 720  
 ggggaaaaaa gtagggaaat ggaccttgga attcaattat aactgcaaag tggncctt 778

<210> 1863  
 <211> 1574  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1574)  
 <223> n = A,T,C or G

<400> 1863

cngaacnacg	gngnacann	gggnnnngcc	nnnaaggggn	agaagggng	aaannnnan	60
nggggnnnnn	gggnnnnaan	nggangnnng	ggaaanccga	nnanggcngn	nangncnaan	120
gnnagcggng	ncaagncngn	ancgggaccn	ggannngcnn	ggnggggnann	ncaangcgga	180
acggnnangc	gannnggngn	ngcnaanggg	ananggnng	cagcacgaca	cagaagnnan	240
ngcaaggann	nnnnnncnnn	nngnnntcgg	gaatnccgga	aancccttt	tggnggaann	300
gnaccgcacg	caaganacgc	agggacggg	acncnccnac	ngactngng	acgccggncn	360
gctccnacgn	gcacngcang	ncggnacnga	ngnagacacc	anngcacgaa	ngaangcgcg	420
cgggcaggng	agnggncctg	cgggggcngc	gaagacnggn	ggncccacan	ngaagcagg	480
ngcnatgacc	gancctnang	caggcgcneg	aangggaccn	tcgacncgca	tgnnggagna	540
aggagggng	acgagaancg	taccncgcag	gnaagantgc	agggngggng	ncgcngcagg	600
cgncntgggg	cgncnggcnc	angngcganc	annngnctcg	ncagaaggag	nagcccgnac	660
cnanatngng	agacgccnan	gccacgnagg	cncnncngn	angaggnang	cnncanccna	720
ggcncaaagg	ggacncgggc	gcagagncgg	acaccacgag	gangggcnag	anggnngggg	780
ngcanggaag	nccgnggatg	cgncgagngg	gaangagnng	nccagggagg	ncgacnangg	840
ccncnnngng	cgngggcnca	gaacanncta	cgangaancg	gngnncgagg	ggcnacagn	900
ngtgcgccnc	atggngggca	gnaaaggccg	agcgnccgna	ggcancgagg	ngcnanant	960
agganagggg	cngcatctaa	ggggcncaca	anaaagggnn	gngaagcgnc	aggnacnaan	1020
ggngngncag	ggnacgnggg	cccccgncgg	aaaccanacg	nnagcnaacn	ngggggcgan	1080
acgccgaggn	gggcananac	ggcgccccna	ncgaggagg	tcnccacnn	gnggggnaac	1140
gncagangn	gagcangnta	aacacngcgg	gagcgaanng	ggggnnncac	agcgaacgnc	1200
gtcgntntan	gcgggagggg	ggaagggnag	gaaaannca	anncnncga	gngngaanc	1260
nacggggang	gcaancntan	gcgncnngna	cnccctcgg	gnggtcgggg	ggagccncc	1320
gggggngcag	caacngana	aaantantaa	cgtacnnang	gaaaggggn	ggcngcngcc	1380
gnancgaatn	gacangggnc	anacnggaag	ngacnggaag	gggggggngn	ggcgacanna	1440
aaggggncan	gacgggacng	nnggggnggg	gggacggagc	ncacngngcg	cnnntgcngg	1500
ggggncggan	ngcgnggaag	ggangcgnnn	cnggacgna	aacnaacgcn	ngngagcgca	1560
cgcgggngag	agcg					1574

<210> 1864  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(747)  
 <223> n = A,T,C or G

<400> 1864

tnttgtaccc	cctntcgant	tccgttgctg	tcggcctcgg	ccccagcagc	cacagcagga	60
ggaggtgaca	tcacctgtcg	tgccccctc	tgtaagact	ccgacacctg	aaccagctga	120
ggtggagact	cgcaaggtgg	tgctgatgca	gtgcaacatt	gagtcggtgg	aggagggagt	180
caaacaccac	ctgacacttc	tgctgaagtt	ggaggacaaa	ctgaaccggc	acctgagctg	240
tgacctgatg	ccaaatgaga	atatccccga	gttgccggct	gagctggtgc	agctgggctt	300
cattagttag	gctgaccaga	gccggttgac	ttctctgcta	gaagagacct	tgaacaagtt	360
caattttgcc	aggaacagta	ccctcaactc	agccgctgtc	accgtctcct	cttagagctc	420
actcgggcca	ggccctgatc	tcgctgtgg	ctgtccctgg	acgtgctgca	gccctcctgt	480
cccttcccc	cagtcagtat	taccctgtga	agcccccttc	ctcctttatt	attcaggagg	540
gctggggggg	ctccctgggt	ctgagcatca	tcctttcccc	tcctctntt	cttccctctg	600
cactttgttt	acttgttttg	cacagacgtg	ggcctggggc	ttctaacagc	cgntcttan	660
ttnggggcta	gtcgctgatc	tgccgggtcc	gccacctgtg	tngnaangag	gccacnggca	720

ctanggggaac cgaattctac aatccccg

747

<210> 1865  
 <211> 858  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(858)  
 <223> n = A,T,C or G

<400> 1865  
 atttctnaaa ccccttttcg antccgttgc tgtcggatat ggcaatgcnc ctgccccggc 60  
 tnaaccaccg gcggtgcncg ccagctgtan ggttttccnc tcccagtngc ctgcagggtgn 120  
 cnacaagaaa gaaggcncag gncgctcaaa acagntaacc agccttcact tgaggactgg 180  
 tgtgaagggtg cttgntactg ggggaagtga ntctgaggga ggggccttac cacaagttac 240  
 cttggaattt gggaatgatc ccaaantncc aaagacgtan aactnggatt gctcggnttc 300  
 caaaactccg ctgcaggaat gcttgtcctg gtgctgccc tctngccttc tgggctgcgt 360  
 ctttctgcct actacatctg tgttgacgat gaggatgaat acanggantt tttcnacctn 420  
 gatcatgccc acacccttct tgangggact atcaaccaga aangaaaggc attggccatg 480  
 ggatcaattt gcttttncca aaagcctttc cttaatggat gggntgaatg naaaaaatat 540  
 tgaagaaaga accatttatt taaaaaagtg ggaagaatca aaaaccnttt ttacaaaatt 600  
 tcattggaaa nccgnaaatt tgcttggtt tggtncangg aancccanan tttttggang 660  
 gttatttccc tnggagtnng ganaagnccc cctctttttt tgaaccttgn cctttacaat 720  
 ttnaaaaaag tcaaccggag ccttcccaaa cctngcaac ccaagtgtgn ggggaaggcc 780  
 caaaaggatt ttttggangt ttcaancntt ntgccaccc cctgggtcaa cattggttca 840  
 aanaaatggc ttaatttt 858

<210> 1866  
 <211> 1298  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1298)  
 <223> n = A,T,C or G

<400> 1866  
 cncncncacc nnnnnnnngn nnnnnnnnnn nnngannaaa nnnnnannnn gnaanngcnn 60  
 nnngnnnaaa nnnnanngca annnnnnann ngnnnnnnnn nnnnnnaann nangangcga 120  
 nnngcnnann gannncggan gcgnnnacnn ccnanannnn annngnacnn nannnnagnn 180  
 gannnacnng nnannnanga agngangnaa cnnnnnnnnn nnnnnnnntag aaacggaaac 240  
 cccnttggcg aaagnccngn gganggncca gncgncenn gcggggnnng ccngaggaaac 300  
 cnggnngncc ggcnggaaag cggggggcgg gggggcatng gcaaancgaa aaggcgggac 360  
 cggggccggg ggggggcccag gncctagacg gccaaagccc ggggaggggg gccccaanga 420  
 aangcgnacc ccggggccnc anccganccc aaaaaaaggg annnnggggg cgnaggaccc 480  
 cagganaaaa aaaaaagggn gtnaagaanc cggnaaantt nnggaaaaan aaaaagccng 540  
 gnccangggg naaannntc cttntccang gggcaagccn gggagaanga ancagnnagg 600  
 cccnggggga acaaggancc cccgacctgg nncgaaaaan tnttncggcc tnaccanggg 660  
 gcgaacnaaa aanaaagggg ccggggngc canccccnaa gcccaaaaag gaggaagnng 720  
 ggggganacc cgggaaccng gnaccccncc ccagggaagg ggcccaagng nnagggccga 780  
 ngaannaagt naanccagna aggnnnnaaa aaaggaaaaa atnnccacc anaaaaggga 840  
 ntangggga nanggccacg ccccaaaaag gggggcatgg gggnncccn 900  
 nggganngac ccaaaaacnn nccnaaagan aaaggggggg gaaannaccg nggacnccaa 960



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angggnnacc ccccaaaac ccaaaggnt cttccnccc caaggaacc agggcccaa 1020
aaaangggg gtnggggga aaaaantngg ggaaaaaccg gnaaagaaac canatcnagg 1080
gcgcanaaaa gggaaaagga aangaaaagc ccnntatncc aacctnttg gggacnagng 1140
gataaagggn acccccggga naaanagggg ggaanaactn gganggaaat naanaagggg 1200
aacaaagaag naaaggggcc ngnacgggaa ttaanggggc ccgccaacaa naannaangg 1260
ganccanagc cagnaaaggc cngncanaaa aaaaaang 1298

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<210> 1867

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 1867

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tactgacccc ttgcgantcc gtgctgtcgc caaacaaca ttgcagggtt gatcctagtc 60
ttgaaagtcc gggcctttcc tcttgccctg tttctggagg aaatgctcat gaggtgggtg 120
agaggcggat gacatcctgt cgctctggcc tcacctggg gatgccacat gacagcaccg 180
cagcattttc aataggtgac ccacctgcga ggaggaagga aaaatgtgcc caaggccatt 240
atggagaaca aacacctatg cagttggaga atgctgaaga caccaagggt tgttgcctc 300
tccctcctga gagaagctaa gaagatccag gcttagagt ctacagaaat agagatttag 360
gatagaaaaa aggaaggat ttcctaacta ccaccaggc tatgaggcac tgatatgact 420
tacttgtaaa cacagtgtga tagaattgtt atgtggcaa gacgaaagat cagctggaa 480
tgtcttttca cgtatccctt ggtggcagca gtgggcagca taaaagtaca agatggcagg 540
tggaatcttt aaccttgttg tctggangcc gcatgatagg gttgcagtgt atttctctc 600
tctacangct tgggccctca ttctgttttc tcacattcct ccacccant attctttgaa 660
tctgtctnc ctncccttga gatctggctc taacttaagc ccaatattca gaccaacttt 720
accttgtctt ttnaccaat cacaggccga ntttt 755

```

<210> 1868

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 1868

```

tnttngaanc ccttttcgaa ttccgttgc gtccgggttc tcttgaatta ttttgaaca 60
atgccaggat ccaaactgat taagttacag tttaagcacc cttcagtatt aatatatacg 120
gtattatata acaggtcaac aagtgtctt tgatgataaa acttgtaata gagcaataat 180
tgtaaatggg taccatactg taagatatt tgataaaaat taactagtaa tacttgatt 240
tatttgaaac actgggctgt ttgcacagc ccaactgtgc atgctcaaaa tgtgcacttt 300
ttaaatttgt tacttttaat gcgtatctt atatgggatc tgttatagta tactaggcca 360
tgatatggta tccttttgag tgaggatat actcatctca caagtgaagt gcctactgat 420
attactaaag tacattatgt ttactcaagt aaataatttt ctccccatgg tacactctag 480
tgtaggctat tcataccaca ctgaaatgaa caactgaaga ataaggctaa gaaccaataa 540
aatatttctc taattgctag tgtaaaactg tatccaaatt tcagaaaaga cagcttcagc 600
ttgcaaatc tatcctctaa acttatctgg gcattcttcc cccccacccc cattatataa 660
gggctatttt agatgcttta accctcccca caataaatt ggccagggtg tccaatgaga 720
acttatcatg ttnggtgggt ttaaggnaaa tcgggcnt 758

```

<210> 1869  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 1869  
 ntatcttttag accttngtgc tgtcgccctaa actcggagca gtgggaccct gaagatgtgg 60  
 aacctcgaag gcagcaaaga aaatntngga ncctnttggg atcccggtg nccccaggnt 120  
 ttggggggggc cagnccnct ggntggngan gantaanacc ttctggancc cagntcanca 180  
 ncttaaaacc canggtcagg gnttcgttca ataacgccag cgggaatcaa tctgcactgg 240  
 caccgcggca ggaactgaaa ctgcctggca agtgagggaac caggagccgc actgagtgtg 300  
 gctgggctac atcatagctc atcacggagc tacgactttg ggtactgagg acagacctgg 360  
 ataggcccag cattcgttct gaagatcaca gtccacagaa gtttttgctt cgtaaagata 420  
 atccaaagga tctcagaccc cgctcttctt ttcccttca ttcccttgag agtcagccat 480  
 gaacggaata cctgctaggt tccaggaatg agctcaccta acagatagca aatgtgtctg 540  
 gttagatctc aacagagccc attctgcaag acctggctga ccagatgana ggggtgggcc 600  
 tgtgctgggg ggccttgggt cacacacang aaccgagacc tggcttccac cccagtcac 660  
 ccactttggg ntatcttgct gggaagtatt cgatanggac tgtgtnggcc aaccaagtgc 720  
 tttgggaaga tcaactggcac ttgcaaaacn aaacaaaatt gctt 764

<210> 1870  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 1870  
 ngnntgtaag ccttngggct gtcggtagga ttataaatgg gtttaaaata cgtattctca 60  
 aacctcattt tcagcatata aattttttaag antnagtgtt ttaaagggtnc cgtgaaaacc 120  
 atttgctaga tttttgtcct agtttttttt ttttaattta aaaatcttaa gtttttttta 180  
 gtaagcttaa ganccagta gtttatttgc cgaccgcatt tttaaaaagn gaatagatgt 240  
 ttaactgaag ttaaatataa atttatgtct gggtaactct tggttaagata taacaaaacc 300  
 tagacatcta aatttttttg aaatttttat tttaaaagt ggtngggagg taaaatnggg 360  
 ngactttcct tctggttaat agttttatag ttaanaanaa agccagcgaa gtttacttga 420  
 tctcagttgc actcaagaat aggggattta agttccactt tggttatttt cacttctacc 480  
 ctaaatcat aggcctgat acttaagctt acccttggct tccagttttc attgcagcga 540  
 gnaaatgggg agtagcanag cctttgttaa tgtaaatga caaaaaggtn tgccttttn 600  
 tacaggagca gataaactga taatggtnnt aaaaaatga naaatgatt tttgtanaca 660  
 ggatgatctg tctanattgg agcaaatgan gggncatntt ccaacaaagg tgggccctt 720  
 catttaataa acaccccca caacaaaang 750

<210> 1871  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 1871  
 ctancntttc gancctgtgc tgtcgtgga attttcttta ctctgtatc tgatgtctgg 60  
 gctgcgatga ctcaaaggct gatttcagct ganactgtag accacgtgcc tacttgtggc 120  
 ctcccccttt gccttgggtt tctcacagaa tgtggctggt tctggagaat gagacttcca 180  
 atgaaatcag gtggaaatga catctcgccg ctttcagcat gctctattgg ttggaacagt 240  
 tatggactta gctagattca aaggaaggga acaaagacc cctcctctca gagagtgggg 300  
 cataatgaga gaatttaggg ccatgttata caaccaccac aaatgccttc tgaatttgag 360  
 gttctgcttc aaaagtccat agttcctttg actgaaggac ttctatatat ccaagcatcg 420  
 tcagccccag gtatatgtt ccatgtaagt gaccaggact accttagtat ttcgtatagg 480  
 gaaagtgacc tgaataaatt tgagaaaaga atcttntctt tctccagtaa gcaactgagg 540  
 aagcattgag ccatattata ngtttatgac tttgagactc agaaatttaa attcttggcc 600  
 aggccaatgg ctaccctgt accccacact tttgggaggc cangcagcag atcactttga 660  
 gncaggagtt tgaaaccacc tggnccaagt ggngaaactn cttctntacn aaaaaaaca 720  
 aaattaccnn gngtgngnngn ggccccgtga 750

<210> 1872  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1872  
 tattntaccc cnttcgantc cttgctgtcg attcattttg tataatcatg tatcctcttg 60  
 tgtgctggta gagattttta tcttgatttt tccataaaac atgagtatta agaaataatt 120  
 cctgggtttg gagaaactgg agaaaatcac ccttttaagg aagaaacact ggaaatttct 180  
 gctaacacca agatatattaa gagtgtcata gtagggtgctc aacaaattta ttgaatgaat 240  
 gagtgaatgg aaaaactggg agagtcaaaa gtgagcagaa gctctccatt tctacttctg 300  
 tcacaaacca cattaaattg taaataaggc ctttctccac ttgacttcag gcagcagatt 360  
 gtctagaagc ctaaggacag caatttctct gacaagacaa agtagatatt ttataccagg 420  
 gggttgcaaa ctactgccca cgggcccga tttggcccag tctggttttg tatgggtgcaa 480  
 actaaaaatg atttttacat ttttaaagag ttataaaaaga aaaaaatatg tggctctgta 540  
 aatctaaaat atttactacc tggcctgttg gaggaangt ttgccaatct ctggtttata 600  
 ccattaacta tgagattaac caaaaacttt tacctttgtg cagaaaggtn aaaaaaaaa 660  
 catggttaag gnaaaggana catgttacct ttcatacact ccttttaact gngggatttg 720  
 caaaaaaata aaaatanccc ctttnaaaaa aaaaaaat 758

<210> 1873  
 <211> 758  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(758)  
 <223> n = A,T,C or G

<400> 1873  
 ttntntanc ccttcgant ccgtgctnnc gcangaatgn ngttcctctt ggnancnccc 60

```

gggtggneng tttnttnttn ngccnnggtt ccggcccggg gccctnnggg gngtttacnt 120
caattggggg ntnnaaaang gcntnttgta angggaaacc tttnnntgaa atnntncagg 180
aaaggaaecn atgggagggg accaggaggg gaannccggn ntaaacnct taaaaanttt 240
tggtgaccgg gtttccannc ggaattcctt tggggagggg gngctggnga aaatnctgct 300
tgggagatcn cattagggan ctccccgttt tgaagaagaa gactcantgg gaagacanan 360
gaagaagaag atgaattctt ttggccctca aaaccccccc accaaatggt ctttggnnaa 420
gaaaaanagt tcntcncaca aaatatgaaa acnanggaaa ggaaaaaatg gatgcnttgc 480
ttagaggtga aaagaaagag agcnccgaac cgttnggaac gacntttgng aanaacagga 540
tanaacctcc ccgggantgg gaaaagacag gaagaaangg gaaatggcaa gggagcattc 600
cangaaanaa anggaccctt ggacnattaa aaangaactg gagcgggacc cangatccc 660
gagcacacaa ggaccacggg acnaagacc ctaccgccgg ccgangaccg ccaggacgga 720
ggccccagga atgtttgcnt accnacgtga gagggctc 758

```

```

<210> 1874
<211> 1001
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1001)
<223> n = A,T,C or G

```

```

<400> 1874
cgccngacnn gnncgannan nnnncnnnnn nnnngngang annccacgn ngnannnana 60
cnaggngnec nccggcgnacn ncnagnagac gacncannnn acnannnnnn nnnnnnggaa 120
nnaccgngnc natccngaen cgnngnngac gcanccgacc ccaccggccc ggnnccaang 180
ngagcgggna gcnggcngtt tnnnganncc gcaccccaag aaaacagggg cagnccgaca 240
gaccanagg gnnccacang agangggacn nggggccaca gagccggaca agaccngnag 300
nacacagagg ggaggggagg aacgacgaca acaggccagg cggccaanga cnggggnccn 360
ggcnacacac cagngcacc ngacncnnga aaagcccnnng cngaaccccc ncgaaagngg 420
gggagacaca ncccgggna aaanggcnac agacncncn ggggacagaa gnagagagcg 480
gnaaacnggg agggagngng naggcannng acaggngaag gganagccc aacgcctag 540
ggcggnnaca ggcgancaca gnaannang ngcngggga gagcnggna cacacacana 600
cccgngaaac nggggcgnag agaccngcg cagcacgcan gacccggcnn ggnaagaanc 660
cnggacagng gcngnngaac naagananna cnggggnna gncnaccccc nnancngacn 720
cgngggccag anaccncaa cccccggagg gncagnang gncnaaccan gancgnagg 780
gnggcgngcg caccaaagac anccccgggn cngngnggag nnacaggnga ccnggagnga 840
gccgcnccg ccnggggaga gaaacncaa gncggagnca nccgcnnacg cccgggnagnc 900
angacaacgg agagcggngn gaggggaggc aagcgaccgg acggcanccc ccngggagcn 960
ggganngnnc acncgggggn nnnagcgaac cngcccaccc g 1001

```

```

<210> 1875
<211> 1447
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1447)
<223> n = A,T,C or G

```

```

<400> 1875
ccccccnnc nccgncac canccacgng aanannnnna nngccgngnn ncnncangn 60
ggncggccac gngcacnnga acgnacacnc nncncgnnnn nnncccgncg ttngaacnca 120
tcganccnnc nggccccga gnccccacgg nccccatggg ccnggggggc agnggggggg 180

```

```

gggggggngt tttnnncnnt tccnnccnnc agcgacngng ggggannngg ggaangnctn 240
nggncncgct nntcnccccc acnnncnacca gagggagcgt nacnnccgnc gngaggggcg 300
ngnngcccnc ggcnccgnna gcncctnnc tcnncacccn ggcnegggcg agggncgngc 360
atcagatnnn ngannncnnc gngnngccnc cngcgcnncn gctgcntcgc cnagcancgg 420
cnagacggac ngagcgggnc ncagccancn acgncgggcc gnancgcntn tnnngtncgt 480
cgncgtncgg ccgncgcaag agecgannct cgcgcactgn ccncgngcgn cgtnnccgnc 540
gntgtcnncn cgntcngntg gcangnnccg nacgcgnanc ggccgnacgc gatgaatgng 600
cgcgcnngcg nnntccggcn ncgcgcgngc caggngnggc ntnnnannng gnacnnannng 660
ncncngtgcg cgagnnncng accagactcn cggccnacgn nacgncgcn gngggngaca 720
cgtgctgcat gngnancggc gcggnangng gatgggcnng nncngganac gcatacgccn 780
cggtanngcg ntgcgtnac ncgaccgnta gngtcgccnc tcgcgagng angccggcg 840
nanggtacng aaaccgcacg canacnnncg ancnngtnc ncacgggcg cagncgacgc 900
acgncnccgc gagnnaacgn cggancggng ntcnngnng ctntcncgc acngacgcn 960
tncgngnana cggcgcggnn ntncncncng gaggcangnn gcccgacgga tctgnnccgn 1020
canacngcg gngnccacgc ngncaccnc cccgcgcacn gncggcacgc gcgctcggn 1080
gcgnnccgag tgaccacgat ncgacgcggn cggtcgcgna ctncgnaat gcagacgtgc 1140
ncgaacgcaa acngcgcgna cgnncnggca gaggcgncg taacggagac gngtngcgaa 1200
cgaccgcgca cgnngagnnc tncgcacggc tacgnggtcg cgnacgngna agngnnagcg 1260
ggnngncnnc cgtgatccnn cncgggatcg cnannncaca cgtangcnag cgtggcgcc 1320
acgcgcnccg gatcacggnn nnnacgcgcg gggacngng gagcgngnc ataggaaacn 1380
cgcanccgac tagnaatng ctncncgcat ngntngccgc tagggcangc nannccanac 1440
gngtgcc 1447

```

```

<210> 1876
<211> 735
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

```

```

<400> 1876
atnncgttca actacttggt ctttttgcag gatcccatcg attcnaattc cgttgctgtc 60
gcantgagcg ggtctgggcg gntgctggca gcgccatgga gacggtacag ctgaggaacc 120
cgccgcgccc gcagctgaaa aagttggatg aagatagttt aaccaaaca ccagaagaag 180
tatttgatgt cttagagaaa cttggagaag gattactgta gatgcagtat atggaatcag 240
gaatcttaac ttcatgtgag ctattggagt ttcccttgct atcaggatgc atagggaggt 300
cctatggcag cgtatacaaa gctattcata aagagaccgg ccagattggt gctattaagc 360
aagttcctgt ggaatcagac ctccaggaga taatcaaaga aatctctata atgcancaat 420
gtgacagccc tcatgtagtc aaatattatg gcagttattt taagaacaca gacttatgga 480
tcgttatgga gtactgtggg gctgggtctg tatctgatat cattcgatta ccaaataaaa 540
cgttaacaga agatgaaata gctacaatat tacaatcaac tcttaaggga cttgaatacc 600
ttcattttat gagaaaaatc accgagatat caaggcagga aatattttgc ttaatacaga 660
aggacatgcn aaacttgcan attttggggt agcangtcaa cttacagatc catggncagg 720
cggaatacat gatag 735

```

```

<210> 1877
<211> 735
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(735)

```

<223> n = A,T,C or G

<400> 1877

anncccttatn	cngatcagct	cttggttcttt	ttgcaggatc	ccatcgattc	gaattccggt	60
gctgtcggtg	gaggggcccgt	tcnaagagtc	gtgagggggt	gacgggttaa	gattccggaga	120
gagaggtgct	agtggctgga	cttgacctgg	aaagaatctt	ctgctgactc	tcaacttttc	180
ctggaaaaaa	tggatcattc	ccaccatatg	gggatgagct	atatggactc	caacagtacc	240
atgcaacctt	ctcaccatca	cccaaccact	tcagcctcac	actcccatgg	tggaggagac	300
agcagcatga	tgatgatgcc	tatgaccttc	tactttggct	ttaagaatgt	ggaactactg	360
ttttccgggt	tggtgatcaa	tacagctgga	gaaatggctg	gagcttttgt	ggcagtgttt	420
ttactagcaa	tgntctatga	aggactcaag	atagcccag	agagcctgct	gcgtaagtca	480
caagtcagca	ttcgctacaa	ttccatgcct	gtcccaggac	caaatggaac	cattcttatg	540
gagacacaca	aaactgttgg	gcaacagatg	ctgagctttc	ctcacctcct	gcaaacagtg	600
ctgcacatna	tccaggtggn	cataagctac	ttcctcatgc	tcattctcat	gacctacaac	660
gggtacctct	gcattgcagt	agccacaagg	ggcccgttac	aggatacttt	ctcttcactg	720
gaaagaaggc	agtgg					735

<210> 1878

<211> 978

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(978)

<223> n = A,T,C or G

<400> 1878

ggacctntgc	tcttgttctt	tttgcaggat	cccatcgatt	cgaattccgt	tgctgtcggt	60
nntgtnagat	cactgggata	ttttccacaa	cttctctnn	tctagcacac	acatntgttg	120
ntnggaaata	tttgagggtt	tttccnctac	caaattggag	cttcatggtc	ctggtgtcaa	180
acactataac	cttgaccact	gactntgatg	ntggcacata	tctgagtcct	gtgtgcacag	240
taatattctg	ggtcaaggaa	aatccangtc	tttcaagttt	taaanggatt	tttgganaaa	300
ttcgggcctt	ctttttaaga	ccgaatncca	ttggccccaa	atttncacaa	aggctttggg	360
tggacaacgt	tgggaattaa	ccaaantttt	ggtggttggg	gccaaaaaag	tttncccaaa	420
gggtttgnt	taaccaacct	tggngggccc	ntttttaaaa	aaanccaaaa	aaaanccttt	480
taaaancctt	gggccatttg	gggaaaattn	gggttttnaa	acccttttaa	ggnaagggaan	540
ccccnttg	gaaagaaatn	ccttaaat	ttnaattcca	aagggggaanc	ccccggggga	600
aaaggnaant	tcccacccaa	cctttttcaa	aggggtcccc	cattttggcc	anaccctggg	660
accttttttt	tggtcctttt	ggngngaat	cnnttcaaaa	accccttggg	tttgggaagc	720
cccctggggg	aaaagggggg	gcccnttcca	accaantttc	ttggtggg	ttttggaata	780
nttaagcccc	ccaantttct	tnnaccaagc	cnccnttacc	aaaggccccc	cattnaattt	840
ggncccnan	ggaaaaaccc	ccnnggaatg	gggaaaaaat	tgcccagtta	nccccatgc	900
cactggaana	ccttaanaaa	aatcgttctt	tactnngng	aaaaangtat	tatggatgcc	960
antaaagngc	ccactggg					978

<210> 1879

<211> 694

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(694)

<223> n = A,T,C or G

&lt;400&gt; 1879

```

attcgntaca agctcttggt ctttttgcag gatcccatcg attcgaattc cgttgctgtc      60
gatgtgtctc tggtagagaa tagttgatat taacagaaaa aaaaaaatct gtagcttcat      120
gaatatgcca ctctgttaat ttcttggtcc agacatttta atagagattg cttgaccatg      180
ttgtttgaat tgctgccaat agcagaccat atccctatca tgttggtggc tcaactgttt      240
ttttttttcc ctaatanana tggagtatcg ctgtgttgct caagctggct tgaactcctg      300
ggctcaagct atccttctgc ctgggcctcc aaagtactgg gattataggt gtgagctact      360
gtcccacctt aacctgtttc acagtgaata tacttcatgc tggtttcaac atgggattat      420
taaaggatta aaagttnngg tggatgcctg taatccnaca tttttggaag cccagggggc      480
ggtcaccagg cangaaatcn aaacattgga ctaccaangn aaccncttt ataaaaatacc      540
naaaaaatac ccgctggng ggggcgcctt tattccctt ctttggaact taggcnggaa      600
angggtnan ccctnagccc aaaangnct tgcctcanct ngggaaaaaa gganttttn      660
taaaaaaaaa aaaatnnggg gaaaaaaatt ngan                                694

```

&lt;210&gt; 1880

&lt;211&gt; 711

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1880

```

nnngnttnnn nnnngnctt ttgatnccat acnncgaatn gatanacanc tacttgttct      60
ttttgcagan cccatcgatc gaattccggt gctgtcgggg gaaaggtaac tnaaacatn      120
ngctntatgt tagngactag gagngattga nanancctg gagattgntn anatganctn      180
cagngccnac ggcccattct ttnatagttg gtntctgtgn ggagagggnn aggctgtgag      240
ctccaaaaca nnatttnaga ccnantggan ngagnctnn nactggacng gtnnnatanc      300
cnngtgnag ganngngcna antcactngn acggctanna tggcnagnn acgacancag      360
ttccnnngnt ngcgcantng cntaccggg aatcctancg ttttgnccgac ngaggcnaag      420
gangnttgcc cnagngttna accagcgtg agaantacng tgaaccctg nntctgaaag      480
gcaganggtg acnggggtgg gngaccnccc ctgacgntn ntantctaag gctgggagnn      540
aagattgttt natccggaa tgttgatgcn nantggan nnaattnncc cnatggnnnc      600
naatctnngc gaanaaaaag ggggaanntg gcngaaaaan nnanctaag ggtgnaaaaa      660
angnggntga ntnaacaaaa aaattnaacg cgaaanttta ncagnncgtt t                                711

```

&lt;210&gt; 1881

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1881

```

ngnnnnnnnn naatananat anacaancta cttgttcttt ttgcaggatc ccatcgattc      60
gaattccggt gctgtcgggc gcaaattgtg gaacagatgg aaaagaacca ggaggagcga      120
tcgctgcttg ctgagcagcg ggagcaggag aaggagcaga tgctggaata tatggaacag      180
ctccaagagg aagatctaaa ggacatggaa cgaaggcagc aacaaaaact gaagatgcaa      240
gctgagatta agcgcatcaa tgatgaaaac cagaaacaga aagcagaact cctggctcag      300
gagaagctgg cagaccagat ggtgatggag tttaaccaaga agaagatggc tcgagaagca      360
gagtttgagg ctgagcagga gagaatccgg agggagaaaag agaaggagat cgcacgcttg      420

```

```

agggccatgc aggagaaggc ccaggattac caggcagaac aggatgcctt gcggggccaag      480
cgcaaccagg aggttgacaga cagagagtgg cgcagaaagg aaaaggaaaa tgcgcggaag      540
aagatggaaa cagagctgag ctcgaaaaag tcgctcgaca gtggcttcaa ggacacgctc      600
tgctgtcagt gcacggccgg tgattcagag atcttcgctn naaacaatga aagcgggtgag      660
aggaaagcca gg                                         672

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<210> 1882
<211> 718
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (718)
<223> n = A,T,C or G

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<400> 1882
nnaccncgag cgaattccgt gctgtcgaga aatntgaaat gcttaattta taagcgggct      60
ggagattttt tccaatattg ttttctttga aaatgaaagg ggatcatcta ttttagtttt      120
gggggtctggg aactttttga aaatttaatt tgtggaccaa tgttttgtga aagctaaaga      180
gggcagggggt taaaataggg cttgaatttc tcattctgta tagaccagca aacttccttg      240
tgcaaggcaa gtttacatca caaatccaag aatgtttgca tcctaaatgc tagtttgctt      300
cagcccctag ttaacctcag gacttggttt gcatataaaa ggtagacagc tgatatgttt      360
tcatgaataa atattgtcag ccagaaaagg ttggtgtcag gtaatgcata tttttttaag      420
ctttgtttta tatttatatt tcatttagtt tttattggga atggttttca aagaactctc      480
agttctgcct aggtgttttt gggggagccc tgtttccat agtgtaattc catttaagag      540
gttggtctaaa agtcttttta attaatagaa agattttaat atccaagagt agtcaaatta      600
anggatataa actttccccc ctttctgtcc gtgacagata aaaagccaca gaaagggaca      660
accccttgaa aatcatgtaa ccgttggtcc atttcaataa ttgtgtacct tgttttaa      718

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```

<210> 1883
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (712)
<223> n = A,T,C or G

```

```

<400> 1883
aatccgcttg ctgtcganac caagtgtctt acanggcnac ctgtgagccc agactggatc      60
ctggaccaga aaaaggacac tagtgagaca actggcagaa tttgcataag aagcacggcc      120
tcggcctcgg gtggtggagt cactgctgag cccatgacgt tctgcttata ttccatccct      180
gcatttgga gtcgttcttt gccaggagga aagtgaggaa aaaccagcaa taacaaaaca      240
gcagctctac tgacggagga ggaggagccc aggaggcggc tggtcagggc ccagggtggt      300
agggaggcca ggcataggca ccccgacttc tctggaacta ctgacatttt ctgcgaagca      360
gagaggaaga tggaaaggtc agggaggaga atgagggagg ggtctgccc ggggagccac      420
aaactccgtg gggcacagaa agtgcaaccg tctccattg aggaaattct ccccaccggg      480
cggcttgctt ctaaacagga tattgtctcg atttctttga tttcccttct ctctctctct      540
ctctctctct cgcaaaaaaa gtcttgattc taataacngc ttagaatatt taaaataata      600
atggtttnaa tggattggg ttctttgttt cccacccaaa gnttcttntt cttntttctt      660
tttgccaat aaaatttgn aaaaattgnng accttcaact tttgttcttg tc      712

```

```

<210> 1884
<211> 661

```



<212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 1884  
 nctcgntcgc ctaggccccc tggacctggt ctttcagaca catntagccg tgtttcccca 60  
 tctgctgccc gtgatcccta tgatcagtct ccaatgactc caagatctca gtctgactct 120  
 tttggaacaa gtnaaactgc ccatgatgtt gctgatcagc caaggcctgg atcagagggg 180  
 agcttctgtg catcttcaaa ctctccaatg cactcccaag gccagcagtt ctctggtgtc 240  
 tcccaacttc ctggacctgt gccaaacttc ggagtaactg atacacagaa tactgtaaat 300  
 atggcccaag cagatacaga gaaattgaga cagcggcaga agttacgtga aatcattctc 360  
 cagcagcaac agcagaagaa gattgcaggt cgacaggaga aggggtcaca ggactcacc 420  
 gcagtgcctc atccagggcc tcttcaacac tggcaaccag agaattgtta ccagctttc 480  
 accagacccc cacctcccta tcctgggaac attaggtctc ctgttgcccc tccttttagga 540  
 cctagatatg ctgttttccc aaaagatcag cgtgggaccc tatcctcttg atgttgctag 600  
 catggggatg agacctcatg gatttagatt ggatttccag ggaggtagtc atggtaccat 660  
 g 661

<210> 1885  
 <211> 661  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(661)  
 <223> n = A,T,C or G

<400> 1885  
 gggggnccgc tgagacacat aagtacagaa tcatgacctt aatggtttga cagtttggaa 60  
 gcaccctggc aacaagccat ttcagtggaa tggtagaaat ggaaaccacg ctgggttgag 120  
 aagtgaagtg atgtgaaaat atggggcctc tgaatggagg taacccttga aaaattccac 180  
 tgtggagaag aaaggagaga gagagggtg gaatttggaa tgaaaggaga tatttgggat 240  
 tatttttagta agaaaacaga ggtgtcatga cctcagtgtg accctattag ctgcaaaaaa 300  
 ttcttcatgg gcttgagatg gagtttagcca tattcattat tgaaaactat gttctgcact 360  
 tatacattgt tggttggagt gtaaattagt tcaaccgctg tggaagacag ggtgggtgtt 420  
 tcctcaaaaa cctaaagaca gaaataccat ttgacccagc aatcccataa ctgggtatgt 480  
 acccaaggga atataaattg ttctactata aaaacacatg cacacacatg ttcactgcaa 540  
 cactattttac aatagcaaag aactggatc agtctaaatg cccatcattg atagaatgga 600  
 taaagaaaat gtggtagagg tacaccatgg aatactatgc accataaaaa agaattgagan 660  
 n 661

<210> 1886  
 <211> 1009  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1009)  
 <223> n = A,T,C or G

&lt;400&gt; 1886

anngnnagaa	tttaaannntn	aattggnata	tnnagnngtg	ggggggggat	tnntntanac	60
tatnnntntt	atttntnang	aaatnnnnntt	aggtaanntan	nantnantnt	nnagtntngg	120
ggggnnnnntn	annanatgnn	natnttttttg	gnnnngantg	gannccgaaa	naatggatnc	180
aattnggggn	gaaaatatat	atatntattt	gttagagagn	attangcnnn	tanttatnt	240
atnntaattt	taaantaact	agnntnttag	ngtgcacnat	tnctntann	natnnagann	300
atcggtatta	tacacaantn	actaatatnn	cgttntngtt	ataantgntc	atattagatt	360
aatncataca	ttatnantnc	actgtannnn	tttattatag	anagnntat	ancnattttn	420
tnattnttga	ttattttatan	nnatnatata	antcttaant	nattttanna	tatntattgn	480
aatnctgtta	taaaacgnan	atgnattgat	agtnnncttt	naatnaaaan	aaantntctc	540
annntgttaa	aaanatana	ntnnacnana	ttttgattnt	nnntancnag	tttcaancnc	600
naagngnacn	ttncnnntnn	tnacnagnt	gatngnataa	tnagtgaan	aancttaant	660
gatnatgntn	annatcntna	atataataan	nattantnta	taaaantnaa	taanattttt	720
tnntaanatg	actnannann	aatnnannng	anagcntnna	ntntataatn	tattttta	780
antgatacat	gntntnagan	tanntnnctt	tttntnctt	ntaataactn	tgaaananga	840
tctgaatacn	acattagcan	gacattgtan	ntactntata	ttaaacnatt	tatatcncgn	900
cngattatag	nttatatnnn	tnnatnataa	tgtatantnn	tttatatata	tataannnnn	960
tnatcatatta	ctgttgatat	gtctatnatt	tnntgagtat	anttatagn		1009

&lt;210&gt; 1887

&lt;211&gt; 1035

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1035)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1887

atgnccagta	tnntagnggg	gnttnttcna	nttttcnnaa	ancncnntnn	antagntatn	60
nggggcta	ngcnggttca	nnacngnngc	angntgnnnc	ntcggggatc	attaagnctt	120
tgcttacntc	cacctataat	cttacnntct	cncnanannt	agnnatatat	tcactagnan	180
agtntannta	ttantccgtg	naaatntana	ttctntctct	nnnncnngng	ancgttnagg	240
ancgttttga	tnctcttaca	tnntcctcgg	ganatattca	nnagnagtcn	ctnaganntt	300
gnctaagtna	ntnaacgaca	tgacactntc	attctcgtna	atngatatgt	cnnatgnana	360
anaacntttt	tcnntctcca	tcgatatnnc	cttatntnnc	ncnatatgta	gtctntntnc	420
ncgtntttac	anananttnn	ngaatanntt	gggttctgta	atctntnnca	tctnnatgac	480
nattccenta	nnctaacata	tnntcgnntt	angnngcana	gtattatant	tnntanangn	540
cnctctactt	cacnnattat	nnctgtntnt	antatannta	tnntncttta	gtnattcacn	600
tngannntga	ttctctatct	attcatnctt	actnngnntt	ctntanactt	attntgcntn	660
ttatnnngnn	tacnnnnaat	tcnngnatc	gntaatnatg	gancctnntn	atactntcnn	720
tgntantntga	ncaatgtnan	nacnngann	tnctcgtcgn	attntannnt	nctnnttata	780
cnnngtcgat	tattntagnt	cntnnncnac	ntactntntc	attnatatct	gtctncattg	840
antcannant	nancnantna	tnnaatttnn	tnntatacta	tnctnnggtt	ntnntaannt	900
nnntntntnt	cntcnntann	tactnngnnt	nangntatat	aatatanatt	ngcatnnatt	960
ncatgaatgn	tnntaangtn	nacnacnan	nanangatnc	tnantctntg	agatnntctn	1020
ctnantcgan	ccnncn					1035

&lt;210&gt; 1888

&lt;211&gt; 867

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(867)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1888

tgttntntnn	tntnntagc	ggggtntatn	ttntntntan	gnntttaanc	tnnattagnn	60
gggncntggt	gcattttnnan	gggggnganc	ttnactggnt	nagaannngnt	gnngngntata	120
nccttttatct	gtatnnnana	agagggggaa	aacttggagn	tctctccntg	gtaantnatg	180
cantaaggct	natggcttan	atatagctta	ccngttacnt	nattnncgtn	tactnnatcn	240
ttnnntntgt	tctacctnan	ttggagcttn	ttgngaannng	gggcatgacn	ctnnacnagt	300
ggntgggann	ctgtncacgg	tngttggatg	canaacatat	actgnattgn	nnncctntnt	360
agcatacnct	ttaanttcna	taatcnagt	cnngancntnt	aatnactccn	tgccctcaang	420
taatctntgt	tntatatgta	nnnagtntnt	tttacnntaa	acnttnantg	cncttttatag	480
agnagaaatc	ntttnanana	aaanntatgn	ncctcatnaa	nannagttca	tttttttttaa	540
ntccantnta	ttngtggtgc	ggannaanag	aagccnnncan	ncnnncaaaa	atgncgntct	600
ntnatntatg	aagnnctatn	gcntncangt	aaanagcctt	attntacat	cttnnnctct	660
mntggctgaa	ccttgncann	nccttnatan	tcatnttang	gaactatgnt	ttatnggggg	720
ntcttattag	gtaacnntgt	ttatnatnac	cacatngntc	tntngtactc	ataatttnag	780
gttnagnntc	agatcacncc	ttanatttng	gggnnnnagg	nntaacngac	ggtcnttata	840
ntgngggagn	aagnncaaac	taaacnn				867

&lt;210&gt; 1889

&lt;211&gt; 617

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(617)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1889

gttgactnccg	ntactcagct	tgctgcctgc	aggtegactc	tagaggatcc	ccgggtaccg	60
agctcgaatt	cgccctatag	tgagtcgtat	tacaattcac	tgcccgctcg	tttacaacgt	120
cgtgactggg	gaaaaccctg	gcgttaccca	acttaatcgc	cttgccagcac	atcccccttt	180
cgccagctgg	cgtaatagcg	aagaggcccg	caccgatcgc	ccttcccaac	agttgcgcag	240
cctgaatggc	gaatggacgc	gcctgtagcg	gcgcattaag	cgccggcggtg	tggtggtacc	300
ccagcgtgac	cgtacacttg	cagcgccctac	gcccgtcttc	gtttcttctc	tcttctcgca	360
cgctcgccgt	tcccgcgaagt	ctaactcggg	tccttaggtc	gattatgctt	acggactcga	420
cccaaaaact	gataggggtga	tggtcacgat	gggcatcgcc	tgnaacgggt	tcgccttgcg	480
tgagcacgtc	ttatagtgat	ttgtcaatga	cacataccta	ttcgncatct	tgattatagg	540
attgcnttcg	ctatgtaaaa	tactgttaca	aattaccgat	tacaatatac	ntacattctg	600
tcgattctct	acttgnn					617

&lt;210&gt; 1890

&lt;211&gt; 742

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(742)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1890

ttnatctgnt	ctcacgcttg	ctgcctgngn	angatccntc	gnttcnaatt	cggcacgagg	60
tacattgtcc	tgacactgga	aaagacattt	ggaatttact	ttttgacctg	gctgccatga	120

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attctgccag tctgatgatc caccatcat tcttcaagaa cagaaaacag tgctagcctc 180
tgttttttca gtgttgtctg ccatctatgc ctccacagact gagcaagagt atctaaagat 240
agaaaaagta gatcttcttc taattgacag cctcattcgg gtcttacaaa atatggaaca 300
gtgtcagaaa aaaccagaga actcggcaga gtctaacaca gaggaaacta aaaggactga 360
ttaaacccaa gatgatttcc acttgaatc cttaaaggat attttatgtg aatttctttc 420
taatattttt caggcattaa caaaggagac ggtggctcag ggagtaaagg aaggccagtt 480
tgagcaaaca gaagtgttcc tctgcatttc aaaaccttct tcctttctat agccctgtgg 540
tggaagattt attaaaatcc tacgtgaagt tgataaggcg cttgctgatg acttggaata 600
aaacttccca agtttgaagg tcagacttaa aacctgaatt ggaattactt ctgtacaaga 660
aataaacttt atttttctcc tgacnaaaaa aaaaaaaaaa aactcgagcc cttaaaacta 720
tagtgagtcg tattaccgta na 742

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&lt;210&gt; 1891

&lt;211&gt; 1005

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1005)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1891

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tnntnannnn tnancntnnt anttnaaatg taatggtngg ggggncnctt tantcgttnc 60
tncnntnnat nnaacccccc ngataatnctn ntnaaanctg cgttnggggg annntcatca 120
nnatantntg gnnanncnctn nanncnctat tntntgttac tcnnagtctn tnnatgana 180
ggttntcttc gagtntctcc ggtntctact gtantatnnc gngannnctt cangtactnn 240
tnnataatnc nnnagaccat gtactcngan nttnnnantcc atcntggntc tntccctcgc 300
acgnagtgtg tngnatcaaa ncnantttg ctctgaccnn ngatngtact ggntnttatn 360
cacanaantn acatntntta ganncttnan tactnnannt tggtnnnngt natctgatnn 420
nnaganangg actnntngag gattctaagt gnaannaagn cngcgtntnn ntntgttgaa 480
nnntgatnat ncnctctanc ttnnnncant gncgaatcng catggatggc gnnttatnna 540
ataggctnna ttgttttgng annttgcnan ngttcaacna nttncancca canttaagca 600
tcnccctanna ttcngtttng ggnatnacat ncccatcngc nggttngna ccgngaaaaa 660
cngtnnttta atngttngaa cntggttagt tangttacnt tttcntcng nnaaaatcgn 720
cattctngcn ttctaccnaa tttgtanatn naatnatcnt atancatnctn gntcntgtc 780
anacttaate ngancgtnt nanncganat ngatatntnn ganncgntnc tnnaaantnn 840
getangantn gtentaccn ctagactata ttccctctan tcnntnttat ncgngttaat 900
cancgntgt gngantgtng agtagagnca tctatatent acctcctntt gccacnattt 960
ntatcacaaa tccccctntn ctacgcnntg tatctacntg cncgn 1005

```

&lt;210&gt; 1892

&lt;211&gt; 1159

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1159)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1892

```

ntntnnntnn gagaggntnn annntttntn cnnttnttna gagnggggna nnaanggttg 60
ganannagcc ctntntctnn ncnngaantn naatntacta agngcccggg ggggggntn 120
gtggtntntt aatctttnaa natnattctt tntntntnnn cggagntaa cactcangag 180
gagtgtttnt ntatgtngna ntnttattat tttnatantg ncnngcnntn nntaatantt 240

```

annanatat	gtntaattct	aantagnntn	nattaatatt	atgcgntanc	catctnttgn	300
ctgnntatta	ncgtatatnt	tannttantn	tccttcnmt	ntatctntat	gnttatntna	360
ccatcanegn	atatncngaa	tgatagnatg	antntgttta	ttntctccat	acgaaatgag	420
tgntnatncn	cnnegatntt	gtatnnntta	naatatgact	gtntntnat	annactanat	480
ntatgtatgc	tnatgctaaa	ctatnaatac	atattgtnac	nntctnttac	atcgtnnaaa	540
ntgttnttca	cncntttgag	aaggagggnan	anagacgttt	gattntttng	tgaattatat	600
gtcgatttct	gtntgttgng	tgaaatnatn	cngttaattg	ananacattg	nnatatntnc	660
atacngnaga	ataaatacga	tngecatnnt	nacnatant	nttatctatt	gtatatntnc	720
atatangntt	aanntantng	tntntanacc	tatacttntt	atgtntccgt	atctactnct	780
gnttcanttn	aatctagnct	attntantta	gtangttacg	anntnantnc	ncgcttnatt	840
ngtgtgcggn	tncaacttatt	ntacagtatg	ncncatntat	tntngtatnt	ntantgttna	900
tnattttacg	ntnngagtaa	tatgnatata	nataatgnac	ttncacncng	nanattatnn	960
attnttttnc	tgnnattata	ttntagttta	cgannntanta	antntntnc	tactttcentt	1020
cgtaatttna	ngtttatgnt	naganaantt	cnttaatgtn	ngnttttnaat	cncataaata	1080
gtatatgcac	agnntnnca	tnnnnatana	tgntnagntn	ngatttnaat	tnattatnan	1140
ngcctngnat	ntaannncn					1159

&lt;210&gt; 1893

&lt;211&gt; 662

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (662)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1893

nttgttcctg	cctcacctcc	tgatagctgg	gattacaggc	gtgcaccacc	atgcctggct	60
aatttttgta	tttttagtag	agatgggggt	tcacaatgtt	gcccaggttg	gtctcgaacc	120
gctgacctta	agcgatccgc	ctgccttgcc	ctccccaagg	tgctggaatt	acaggcatga	180
gccaccgcgc	ccggtgact	tttttttttc	tttctttctt	tttgagacag	agttttgctc	240
agtctcccag	gctggagtgc	aatggcaaca	acatggctcg	ctgcagcctc	aatctgctgt	300
gctcagggtat	tcctcctgcc	tcagcctcct	gagtagctgg	gactacaggc	gcatgccacc	360
acacctggct	attgtggatt	ttanaaaatt	tttttgtag	agacagggtc	ttactatgtt	420
tgcccaggtt	gttcttgaa	tcttgggctc	cagagagcct	cccatctcag	cctcccaaag	480
tgctgagatt	ataggcgtga	gccaccacac	ttagcctatt	gngacttttt	agagtttcta	540
atactttctt	ttagggcact	aaaaacttaa	tcttanatcc	agttgggttat	tcatttggtg	600
gaatgaagtg	ntanggacct	accttaattt	tttccagggt	tttgtgattg	aataaatntc	660
nn						662

&lt;210&gt; 1894

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (723)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1894

agggtgacctc	tgtgtttcta	taactatggt	aatgtgacct	gtaaaacagt	tcacttctca	60
acaagtgcgc	ttcctcatat	ttaaaatgag	aagtgtgctt	gagttttcta	aagatgttta	120
ggctgcattg	tcttgggcct	gctcaggatt	ttgacctctg	agataaaagc	tggatttaaa	180
aagccaatcc	aagccaaaca	cctggcatta	ttagcattgt	tattccatca	gatctgtttg	240

```

tttgataaag aagctggggg tgggaattggt ggtgccttaa ataccctagc ttggtgcaga      300
ggtaagatac tctgtctggg cacggtggct natgcctgtg atcccagcac ttcgagaacc      360
aaggcaggca agtcgtgagt caagagatng agaccatcct ggccaacatg gtgaaacccc      420
gtctcttact aaaaattanc aaaaaattaa cctgngggcg tnggngggcca ccccgccctn      480
ttanttcccc cnatanctcc nanaaggctt naatgccann gaanaaatat nactttgnan      540
cccnngggacg ccnataaggn ttgcnantgg tnacncanaa naattcattt ctcaattggg      600
cctcccagcc cctngggggc cccaaagggn ggaggaantt ccnccctncc cnnnnatntt      660
cnggtatnaa naaaattctc cntaaaaaan ataaattgng cgcccaggaa nntnttaaaa      720
nnt                                     723

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<210> 1895
<211> 1007
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1007)
<223> n = A,T,C or G

```

```

<400> 1895
tttctnanta anagcgggna catngtntct ttnaanctnt actntatann gnggnatctt      60
ttttttccnn ccnacaccn ctnctctcnn aantcnannn nnngantata tcccttcann      120
ggaaaaantn aananggatg nntttatctg nnnggatcna ttgnntcnn cgnaatncc      180
ncttgacaa tnatcaatcg gtcttntacc nntnatnttn nttnnnnnna ncctagnntc      240
gaatgtcnac ctggnantgg acntctanta natctctna nnaaccntna aactattatn      300
actnggttac atnttntaan atattctnac nanaancatt nncatttcn tctacntnat      360
tattcnaata anctccenta nnnngcnnta ttncnanann antcattcgt aataatanat      420
tcnattntca ntannntmnt ttcctgtnat ctntnatta tntcgagtnc nntatggcta      480
gcanttnnan ctttnantac tnaactanta ncantagcaa aangagacgg taatttantt      540
ctngtnacaa tnaaaataaa ntencgtaat tnnagnacct atnnngacat ctntncattc      600
ttgcntanan tnnattgttn tttannntt ncnanaatcn naanattatg cctnngnact      660
natacnagat atantcagta tantatccgn atctnaattc tggangctnn ataagnatac      720
tacctnttna cgttnnatat ngtatanatc cettatttta nctattccat atnntcnaat      780
ccatactctn tantgtnaan ttaaancnta anttcancta ntnttcnnta nanntantcn      840
cntcngctnt nacttcgtna tcanattaat acntattgnc ttnnctcacc naactacgct      900
cgtatancat ctatnaatnt canactnnta ntntatctnn tatntaaann atcnnnataa      960
ntnatantna tattatcttt cctgtctaca aattttatca tnnntcn      1007

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```

<210> 1896
<211> 674
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

```

```

<400> 1896
cctnncccca attcggcacg agaaacaact gaaggtaaaa aacttatatg cctttttatg      60
tgtacattta ataaaacaat tttattgatt tcttaccgta agttactgtg atgagtgata      120
aatacttcac tattcagata ctttcgtaag agatacatth cagtggaaac ctttgcataa      180
atattttctc aaaaatgtgc aatttctggg aaaaaaggaa tgatggaaag aaggttattg      240
cagttttcct agaaattttg tcagattggc atgcattttt attgactaag aatcccaatt      300
ttagcatgaa gaccattaga tatgaatata taaggccata acatttcaaa ttaagcacat      360

```

```

ggagtgattt gtaattttgt gttaatttct ccctaagatg ttttggttaa atgattttgt 420
atataataaa tttctaagtt gaggaaggaa ggtaaaaaaa attcctgata accttttctt 480
tatgaagtct gctaataaca atacctagta tatacttaga agaaccagcc aagaaaaatt 540
acctttcagc aaccactctt tacttatttc tcttttgnaa taatacccaa ttttatgacc 600
caggattccc cagtttttaa cggaagtaag attaaagacc aaagcccaa aaccctctgt 660
tccttgcaat atan 674

```

```

<210> 1897
<211> 673
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

```

```

<400> 1897
cccctctcga attcggcacg agaagacttt ctccaatgc ttggaaaacc ataactgaca 60
tagttctaaa tggcacagcc ttcgtgacac tagaaattgg aaaacaacta attaaagcac 120
agaaaggagc agcattttct tctattacta ctatctatgc tgagactggg tcagggtttg 180
tagtaccagc tgcttctgcc aaagcagggtg tggaagccat gagcaagtct cttgcagctg 240
aatggggtaa atatggaatg cgattcaatg tgattcaacc agggcctata aaaaccaaag 300
gtgcctttag ccgtctggac ccaactggaa catttgagaa agaaatgatt ggcagaattc 360
cctgtggtcg cctggggact gtagaagaac tcgcaaatct tgctgcttct ctttgtagtg 420
attatgcttc ttggattaat ggagcagtca ttaaatttga cgggtggagag gaagtactta 480
tttcagggga attcaacgac ctgagaaagg tcaccaagga gcagtgggac accatagaag 540
aactcatcag gaagacaaaa gggttcctaag accactttgg ccttcattct gggtacagaa 600
aagggaatag aaatgaaaca aattatctct catcttttg actatttcaa gtctaataaa 660
ttcttaatta acn 673

```

```

<210> 1898
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

```

```

<400> 1898
gttttactac nnaaacaagc tacttggtct ttttgcagga tcccatcgat tcgccaaagc 60
acacaaatgg cctaccatct tttattcttc cttctagctt ctggagagag aaatgattgt 120
tccagtttag aatgccagga gtttactggg tgtttgattt tttatctgt gccttaaaaa 180
aattagatta taatgaacaa gacatcttta tgttttacag ggaaggaaaa agcagtgaaa 240
gtatgcattt tcgaaagaaa agtggtgttg gaaaagagag agaggggtga aacccaaagg 300
agaaataaaa attttaagtc cttgttgtag tagctggagg aagtgaactt ggaaatctct 360
ccagcgcaat ggttgctggc tgggaagaaa gatctgactt agacacagaa taagtgtctt 420
gtgctgggtg tgttgtgag ctgggtgagg tttctgtgt cgctgggcac gtgagggaag 480
ttacctggct ggggggtggg gtggggggca ttagaaggga gtatgggtgt ctgtggcgct 540
cgctgtgtgc tgtatgtgtg tgtgtgtgtg tgaaaaanaa nagagaangt aaaattaacc 600
tttgnccat atggttggtt tctctgcnta gaagtcttaa aggaaccttg ccagctgca 660
nttttttatt ggggttcaaa ttaccagcat ttctcttcta aggattgggt ggggtggtat 720
tttgggggtg atgaattgaa agccaaggga taaanaaacc anaacctggg accaantgna 780
at 782

```

<210> 1899  
 <211> 825  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(825)  
 <223> n = A,T,C or G

<400> 1899  
 gtttgaatcc gtttcaacta cttgttcttt ttgcangatc ccatcgattc gaattcggca 60  
 cgaggcttca tccagccaaa gaggtcntta gtggttctgg aaactttggt ggtggtccgt 120  
 ggangtggtt tccgtgggaa tgacacttcg gtctgtggagg aaacttcagt ggtcgtgggtg 180  
 gctttggtgg cagccgtggt ggtggtggat atggtggcag tggggatggc tataatggat 240  
 ttggtaatga tgggaagcaat tttggagggt gtggaagcta caatgatttt gggaattaca 300  
 acaatcagtc ttcaaatttt ggacctatga agggaggaaa ttttggaggc agaagctctg 360  
 gcccctatgg cgggtggaggc caatactttg caaaaccacg aaaccaaggt ggctatggcg 420  
 gttccagcag cagcagtanc tattgcagtg gcagaagatt ttaattanga aacaaagctt 480  
 atcagganag gagancnta aaaagtgaac ngggaagctc caggttacia ccagattttg 540  
 tgaacctcaa cccaaccaca agtgggtggg ccagggcctt accttgcttn caaaaagaaan 600  
 acattgtttt taanacnaaa tacctcatgt tgtattnggg ccaaaaaaaaa ctcctangga 660  
 cctggttttt tgtggacctn aattggtatt aaccaaggtt tanttttaaa tttcctgtn 720  
 cttgtnggna aaagtgggta aaagccnttt cccaaccaaa angggntttt taaatggtaa 780  
 aaattttttt ttttttggca cccccattg ccttgttttg nantc 825

<210> 1900  
 <211> 831  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(831)  
 <223> n = A,T,C or G

<400> 1900  
 tgnnnnnnnn nnnnnntat tgaaactnat ntgnaaaccg tggaatttcn caggatccca 60  
 tcgattcgaa ttcggcacga ggctgcttcg gggactcagc cagtatttnt actgaggtgc 120  
 tgagcgccgt cctcaaggat ctctaccacc tgctgaagca cgtagtgtgt ctggagccccg 180  
 atgacgtggc caagctccat gccagttgg ccctagaaga gctggatgac atcatgaaaa 240  
 acttcctgtt ccctccacag aagctggaga agaagatcat ggtcctgccg tagacctggc 300  
 tccaaggacg tggaggaggc aggcagggcc aggcacccag agccgtgccc aggtcttcca 360  
 gcagggtggc ctgctgcctc ttgagtgtg gcagcatggc tgacctcgg ggtggtttta 420  
 tgggtgcaggt cacttgggtc ttcagggtcc cttccgagg catgtgttca gcactccccg 480  
 cgttcagcct gaggggtgta cagttaagag aagacagtta cagatctcat taatctacat 540  
 ttttactgtt cctctaacta tgaaagaagg atgtctacct ggtgaaagta tattttaaca 600  
 tgactgatgg aattcactaa ttgcccactc tcttggaaact tganganaaa ccgntggcc 660  
 acccatatgt cacctaactc ctatatctt ttcaggctga agattcttct tcaaggaaaa 720  
 atgaaggaag cagaaactgg gccacccctt gggctgggtc aaagaaggca tttttaaaaa 780  
 ataagganaa agccaatttt ggaaggttgg gggaangggg naaaggaaan n 831

<210> 1901  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

<400> 1901  
 ccncncnca attcggaacg agctccaagg ttgggtccac ggaaaacatc aagcatcagc 60  
 ctggaggagg cggggccaaa gtagagaaaa aaacagaggc agctgctaca acccgaaagc 120  
 ctgaatctaa tgcagtcact aaaacagccg gcccaattgc aagtgcacag aaacaacctg 180  
 cggggaaagt ccagatagtc tccaaaaaag tgagctacag ccatattcag tccaagtgtg 240  
 gttccaagga caatattaag catgtccctg gaggtggtaa tggtcagatt cagaacaaga 300  
 aagtggacat ctctaaggtc tctccaagt gtgggtctaa ggctaacatc aagcacaagc 360  
 ctgggtggagg agatgtcaag attgaaagtc agaagttgaa cttcaaggag aaggcccagg 420  
 ccaaggtggg atccctcgat aatgtgggcc acctacctgc aggaggtgct gtgaagactg 480  
 agggcggtgg cagcgaggct tctctgtgt cgggtcccc ctgctgggga ggagcggcc 540  
 atctctgagg cagcgctga agctggcgcc ccacttcag ccagtggcct catggccacc 600  
 ccaccctgtc aggggggtgt gaccaaangg agggccanac cttggacagc cagatccagg 660  
 agacangcat ctan 674

<210> 1902  
 <211> 930  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(930)  
 <223> n = A,T,C or G

<400> 1902  
 ttnaaatnna ntccannnat tnattnnnnn nnaatttnat tntnnnnngg ggggnantann 60  
 tantannntn anntnttnan cttttttata nnaaaaaacnn ccccttttnn ttnnttacnn 120  
 tatcnnaann naaantcngn gngggaatat natnnnaaat taannantnc tnttttnnnn 180  
 nnnnnagggg ggggtncacc cncacaacta tttatcattt taaatactng taaataaanc 240  
 ttatatataa tnttttancc cttntcttnt ccccccccn ccacancttn tttcnctaaa 300  
 taattcanta tantatcata taatacancc atcttaactt ntatattata tatatnannc 360  
 ttttnatnna tatatactat tctncanta tnncnctaan aangcctctn atntncattt 420  
 attttctccc ncatanaact ttctnaaatn anantattnt taataaatca ttntaaaatt 480  
 attatacata ttttatctt tatntcetta ttatatntnt ttcnnntaac tatattttatt 540  
 attncatntn nnaatntat actnatnatg ntaattntta ttaaatanac ntnaccttac 600  
 acattcnntc attataaaat ttncattcnn nnatannnt tacaattttt tattattaaa 660  
 tntncatttn ttacataat aanatacaat atntaatata cnttaaacan atcctaataa 720  
 ctattatntt atntntntnt tntanataca aaaattaata aaatntnttc aattntttta 780  
 caaacnttan tntncatntt acaaaaaana ttatcttnt ttntattata ctcatnctnt 840  
 nanntanttt canatncaa tcntntntnt nntnttattt aantatacac tnaattatac 900  
 ntnataacnt nttattnta nccattacnn 930

<210> 1903  
 <211> 1148  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1148)  
 <223> n = A,T,C or G

## &lt;400&gt; 1903

ttctnctn	tnagnagn	ggantnntn	cttattgaaa	tcctccnnc	nntngnagg	60
ggngnaant	tnnttggnac	ccncccttt	cactagggcc	tgntntgt	naagtaccn	120
tgtattttn	gcgantgntn	nntgaaactg	ggtaacttnn	ntgttnagcg	tnactngtcc	180
tgtggnnact	ttntnttcc	nnatcttct	ntcnanctt	ngtctnatgg	nangttaggn	240
ntngcnattg	nttcncacg	tctttctgct	tnantcacat	agncngatat	ttcnttggan	300
tnggcctgaa	ttggtgaatn	nntnttggc	gtatananaa	cncnanntcn	gatttggnc	360
ctcncnganc	ccntcngna	ttcccggtt	tngaaantct	tnttctttac	tcncccgta	420
tnggatatnc	aacnangtgg	taacnnatag	ncagctcgnt	nttnaaactc	taaatgncnn	480
cacgnannan	tnaggtnta	ttnttctcta	ctgggnaatn	nanntatttc	tanagcttaa	540
ttacctatan	gtcnccntat	ctctcttgag	ggtatannnc	cnantttata	acnnngntgt	600
attctccggg	taagnntat	aaaacctng	gtnnatcanc	cgcaactact	ttcaaagg	660
ggngnggng	ganngntct	ngtctntata	tacaattcct	tcggncggnc	tcactcaca	720
gtgcnnnnac	tnaatngcct	ntngngann	cttcaacccc	ctaagctntn	anattannng	780
ngnganatcc	gtatatgnt	gnggtgttcc	tcgacgcccc	tatgggnnan	tgggggnatt	840
gcaannagtn	taaatanaga	ctttggtctt	ctntggaanc	cccaagngga	cgggtnnct	900
ttcttgggtc	cctctccata	gngggannca	nanngcnttg	ncttngntat	gnggtggaac	960
ccccctctgg	gggggaaaat	cggcccccca	nctgggctcn	ctncaaatgt	antngccngn	1020
ttacgtnttt	nctcnctng	gntaggancn	ccnntntacc	ntctctatct	tanttttnt	1080
tacngntggt	atnanggc	acngccgtng	agntntccct	ttgggagnan	ncacttcncc	1140
tctttngg						1180

## &lt;210&gt; 1904

&lt;211&gt; 1194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

## &lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1194)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 1904

cancaaaaann	nannaacn	nnnnnnnnnn	naacnanaag	gngngggggg	ggggannnn	60
naaacgcaan	aanaacnnnn	tcgnagnnna	aaaacncccc	cccccnnnnn	naannccnan	120
caangcggnn	ngganggggg	ggggggannnn	nannnnaaan	aaaannnncc	tanngngnnn	180
nnntnnnnntn	tnacgncccc	cnccganaac	accaacgnca	cggcggggng	gngggnnnnnc	240
gaaaanacgn	agaggacgag	aggatggnaa	cncacacncc	ccacaantcc	ccggacagna	300
catcgccn	acnacacnan	gaagngngng	ngggngnnng	caagnanaaa	ctnacanaaa	360
ncantnccac	gcncnaacgg	ancnncncaa	aaacancatc	angnggggaa	acgnanacng	420
cnntacanag	ggnacacacn	aagncaccan	aagacntana	nccnaangga	anganccgca	480
acngaaccag	aacantnagn	cctgnaacgc	angaanggan	agcctntnat	gcgnancca	540
cgnaaanacct	cnacnancgc	accnccnnaa	aggccagcan	gataannaca	gnatagtcnn	600
anntacacaa	ccacgagacn	catgngncac	annacnanca	nagnaaagan	cgcggnganc	660
nnaagcanan	acngagnacn	anaacgncnc	cccaagtnac	cacaancntn	anaaacnnng	720
aanacaaaag	gaccannaaa	gccacacggn	cgaaanaatn	acgacnaann	naaccancnc	780
naccacnnnn	gaagcgangc	antatggcac	nngacancgn	accncggang	aaaacngcgt	840
acaccngnag	acnacnatcg	tcngcngat	gggcnanta	ggcaccnggg	gaccttngan	900
ngnanaananc	ataggnnnaa	aacacagnna	naaaaatgna	ctaatanccn	gngnnnnngt	960
caacgaaaann	ancaccacaa	ccantcacca	ganagnnnng	cgaacaaaat	cannggccac	1020
ccctnngtgc	ncgcccccca	nnaaggaana	cccannaata	cngcncngnt	tcnccccnca	1080
gancaannga	aggaccnta	tacccccaaa	cggctnnnca	actaacggan	gancaaaanc	1140
cccccnngac	atnagaanaa	ngantgccca	cagaaagnag	nanngcgcac	ccac	1194

## &lt;210&gt; 1905

&lt;211&gt; 705

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(705)  
 <223> n = A,T,C or G

<400> 1905  
 ccnccgnatcc cctgagggga ccatgacttn nnnntnnca gtatgtgacc gagaagggtgc 60  
 tggctgctgt ctacaaggct ctgagtgc accactgcac tccagcctgg gtgacagagc 120  
 gagactccat ttcaaaaaaa agactgaaac aagcttgtgc taagatggaa agggctgctt 180  
 ctaacagatg tggtttgttg ctttagttgt tgaagcaaaa atactgagtt gttatgttta 240  
 tgttatcacc ccaccactac ctccatgggt gtccatttag gatgcttcta attcagccac 300  
 tgtgaacat tataaagggt ttattgccat gttgaaaatg tttataatat ggcaaaaagg 360  
 ggcatacaat agaagattta ctattattcc agccatgtaa aaatatgtgc acatatggat 420  
 gtatgttgaa agtggatgat ggagaaataa aatgtgggtt tctttgggga ctggaaaaaa 480  
 aaaaaaaaaa aaanaaanaa annnnnnnnn nnnnnnnnn nnnnnnnna nnnnnnnnn 540  
 nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn ntcnnnnnnn 600  
 nntnnnnnn nnnnnnttn nnnnnnnnn nnnntnnnn nnnntnnnn nnnnnnnntn 660  
 nnnnnnnnt nttnnnnnnn nnnnnnnnn nnnnnnnnn nncnn 705

<210> 1906  
 <211> 1379  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1379)  
 <223> n = A,T,C or G

<400> 1906  
 tttnnaatnn ttntttnnan nnantantta nnntaagggg ntgggggggg gtnantnntt 60  
 aaanaaana annnttttgg ggaaaaagnn ccccnntn tntantaang nntnaagat 120  
 aggggggggg gggggtgagn aantntaant atngatnttn tnnnnagann taggagnaac 180  
 ganataataa taangaaatt gnggggagan tntagggagt ataaaaatcg atatgtggat 240  
 ctaantnate nnnngctatg tattacgaan natntnant ncntntant atgananata 300  
 tatttacatt gatnatntna nnatatntaa tgcngtatac gntataatng tttcaatact 360  
 tanntaanat anntaatnt tntagatntt atntataatt ttacgtcnaa caataatngt 420  
 tangatnttt attattatca tgntnttgna nataatnttt annaataatt tcntatnaat 480  
 cttancncaa atatnttgtt tntgttaan mnataanaa taattatnat nntaatncaa 540  
 ancnatat atatttnagtt tngntntaan naaatantgg tatntntng tntnatnana 600  
 tnnnatnatt antantng tntganaaag aaactnattg catantnga ggntantng 660  
 aaatnaata ttcacannnt tgntntntnt gtannacaca tatangnnnn tatgannnaa 720  
 tanaaataag ttangtngat atntantgnn ncnttatcaa tngtaagtat gttngagnnt 780  
 tgatacntna ataagaaatt nataatgtgt ncnagtanta nnntaaatat aatnagagta 840  
 ttagngcta tnaancactn tnataaatga acgtcnatcg ttattgcnn atnannnaa 900  
 agacntat atantntaa atnaaatnac ganatatagt cnatntntat tatannngta 960  
 atacnnataa tatatatnta agcgaganga tgaataatcn anacaaataa ctatgcgtag 1020  
 tntntnaaga taagaatnat aancntnat nntctatntc atnnatnaga nataaanaga 1080  
 tgataaana natagaatna gtaggntaa gttatntnn aataatnaa tatatnatag 1140  
 atanatagtc gatnaancnt aagnatangt acgagtnnag agtatgntan tantnaatgc 1200  
 tatgtnttat natcgataa tantcgtaa tgtgatnt tanatatagt gtanaatgna 1260  
 cgnntnataa ngngtggnan tttgaantan accganatag gntacntncg tganattana 1320  
 agtataatat gctatatana nnnnggngnn agaaganat gatataatat atttcgagn 1379

<210> 1907  
 <211> 676  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(676)  
 <223> n = A,T,C or G

<400> 1907  
 ngagaaaaac ctgcnnnncg ctccccaggg ttgcttttcc caggaggtgt gagcctacct 60  
 ggaggaggct taggcacagg gatacctgct ggaggtctga gcgttggttg agcacctcct 120  
 gttttagtaga tctgtgcca gacctgtggg gaggtggaga gaggttagga gacatagccc 180  
 ccacccctga gggatgagac agctccctgc aggcaggctg tgcccagtca tctcaagcct 240  
 acagctgggc tgcggctgc agggctctga gggcgngggg gaggggtggca gacagagtag 300  
 caagaccccc acttccctgg ccttcttcac agacctgcgt catgcgggccc tgggaccgca 360  
 gcaagccctt gctcttctgc ccggccatga acaccgccat gtgggagcac ccgatcacag 420  
 cgcagcaggt agaccagctc aaggcctttg gctatgtcga gatccctgt gtggccaaga 480  
 agctggtgtg cggagatgaa ggtctcgggg ccatggcttg aagtggggac catcgtggac 540  
 aaagtgaata gaagtctctt ccagcacaat ggcttncagc agagttgacc tgggaattct 600  
 gtcattgggt gtcccttctg tactcanaaa atgggttcag gccaaagtcng tgaaagatng 660  
 atgtttggca aaaann 676

<210> 1908  
 <211> 785  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(785)  
 <223> n = A,T,C or G

<400> 1908  
 nnaancncat acangctact tgttcttttt gcaggatccc tcgattcgaa ttcggcacga 60  
 ggggagaaga gccgccagcg gaaccctgt gtgcaccaac cttccccaga gctccggagc 120  
 gccctctcct cacttccagg ttttggggcc agagnttgnc gggagaccgc cccagcttcc 180  
 ttctgacctt cagttcaact tgctgcoett ggagaaagat gttttnttt tctnaaaata 240  
 accccaatgc tccaaannnn nngnnannaa aaaaaaaaaa aaaaaaaaaa anaaaaaan 300  
 ntaaaaaaaa aaaaaanaaa accncgaccc tttaaaantn tagggngtcg tttnnctan 360  
 anccaaactt gataanatcc nttgntgngt tnggncaanc cananntaaa atgcngggaa 420  
 aaaaangntt tnttngggaa attgggnang ctatggnttn nttngaaacc attntaagnt 480  
 gcaataaaca ngttancacc accantngcn ttcnttttat gtttcagggt cagggggagg 540  
 ngngggagggt tttttaantt cngngccggg gcncccaatg ctttgggccc ggancaccagn 600  
 ttttgttctt ttaagggagg gttaattgcc cccttggtgt aatcatgggc ntagcttgtt 660  
 tcctggggga aaatngtttt cccgttcnaa ntcccnaca aaaatacgag ccggnagcnn 720  
 taaagntaa agcnnngggg ggcctaattg agggaccnac tcnatttaat tggggtggcc 780  
 ncncn 785

<210> 1909  
 <211> 957  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 1909

nnangnngtc	tananaagg	ggtgtnttng	atttcgaacn	ncnncanttn	aagaatgcng	60
ggmnttnana	ngttgtanna	gnggngnggn	aaantnntgg	ttnatagant	annnannnt	120
aatcgacant	cnntgtncn	tttncnata	aggnaataa	ttntgngcga	tgtctnntgn	180
natgtatnt	actnnatctt	ccctcatgan	cntnnnataa	cntnangaat	nntagacttt	240
caagacttnn	tgntaatnt	atnntaacng	tggtattntt	nnatagntnn	atnannncta	300
ncgtnttcnn	cnaaannant	ntantgntna	tnataatann	tagntcttan	tnnngtttan	360
aagatanntn	attggntga	ngttntatan	ncttgagtcn	nnngaccnca	tantaanttg	420
tttncnaata	ttattntaa	ntanntantg	ntnnntncan	acntttntgn	anacntttaa	480
annnnngccn	naaanntcnt	caanntncnt	ctngtatctn	gcntattntt	cagaatncan	540
cntccctttt	nntaacatnc	tgaatnnnnn	taaaannana	tnnnntnnana	tanntatnan	600
nnntatnanc	atctnntnat	ganaactnta	nacttttnan	attcanannc	atnncnagtn	660
antaattaan	nnntttnta	ttgnatcang	natttnnatn	ntcanntcgn	anantnngat	720
gnataaannn	agtcataana	aagattangt	acgactgcgg	tncaacnntn	nnannnnntg	780
aatnatgann	ttngananaa	ttttgtgnan	gataatgctn	attnaaanta	tnncactant	840
ataacnanca	tnntntntnt	gantaatnnn	aattattntn	anatatagtt	ngacntnacg	900
tgnnnnctna	ntgagcagna	tangttatcn	agatatntn	tanctctcca	tgaccac	957

<210> 1910  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 1910

gcangaggcc	tgcatannnn	nncattactc	aggagtggga	agttcagatg	gtaactcaga	60
ggaaagcaca	ctggggaaat	ggagaaaaga	tggtctttct	ataattgatg	acttagctga	120
tggggccacag	attcttggtg	gatctagcct	tggagggtgg	cttatgcttc	atgctgcaat	180
tgacgaccca	gagaaggctg	tggctcttat	tggtgtagct	acagctgcag	ataccttagt	240
gacaaagttt	aatcagcttc	ctggttgagct	aaaaaaggaa	gtagagatga	aagggtgtgtg	300
gagcatgccca	tcaaaatact	ctgaagaagg	agttttataac	gttcagtaca	gtttcattaa	360
agaagctgaa	catcactgct	tgttacatag	cccaattcct	gtgaactgcc	ccataagatt	420
gctccatggc	atgaaggatg	acattgtacc	ttggcataca	tcaatgcagg	ttgccgatcg	480
agtactcagc	acagatgtgg	atgtcatect	cccgaaaaca	cagtgatcac	cgaatgaggg	540
aaaaagcaga	cattcaactt	cttgtttaca	ctattgatga	cttaattgat	aagctctcaa	600
ctattagtta	actagtatca	catgtttagt	tgggtattgt	aaacctatgt	atcccagaag	660
antgggaaga	nggataagaa	an				682

<210> 1911  
 <211> 875  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(875)  
 <223> n = A,T,C or G

&lt;400&gt; 1911

```

angnnngaaan aanagnggga tnnnaanattg gaaaccnnnn nnatgagagg nggggtnaaa      60
tgatgggnntn tggnaaatTT ngaagaanaa aaananaaag tattaancgg aggagggggg      120
aagtgnataa ataattntnt nannanagan tnaannntaa aaatanttna tcaatttntg      180
antaaaantt agattannaa tctnatnttt ggagataaat attgntaaaa tataaaaaaga      240
aaagtaanaa tannaagaat tantatanta ttantatana naanaaaatn gtatgaanta      300
tnatanttta aaaannagta ananaatann nntatnaaaa taanactagg aatnnatnan      360
tanaanttta aaaaaanaa tanataatan aaattaaaaa atanttcnaa aaaantaatg      420
tanantaaaa aaaaanataaa ntaattaang aaatannana naaataaaat ntataataan      480
nataaatata taataataan tantatnatn nagtntnaaa tnataatant nataatataa      540
ntannaaaaa atataaaaat aagaagatat gnnaaangaa aaaaatatan aggaaaagta      600
aattaatnga tatttaaaga anaagaaaaa aanaaaatat anannatnan aatatantat      660
aantnaaant ananaaaana tncnaattnt annagatnat aaganaaant atnaaatnaa      720
cntgaaatat atntaannat agnacttata natntataa agangnntta agganaatan      780
atnaatagat anntnaaata aattataata tataaaaaat annaaataat gagntganng      840
attatannaa nntatanngt atntaatata ataan                                     875

```

&lt;210&gt; 1912

&lt;211&gt; 671

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(671)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1912

```

gcnggagggga aatcatnnnn nnaggcaagc agtttcaccg gatagtgaca taccatcgcc      60
acctttatga tatccacgtg actgttcagc caaagtataa acacgtttat cctaagaact      120
ctgtagtaag aaaaagccat ttgtagggtg cttaagcttg tttgtaaaat ggcctacttg      180
aagtcctcat gaataatgag ggttgacttt catttgcttg aaacttaagg aagtttgctg      240
ctataaaaagt tactgcaatt cagtatttct ttattttttt cgagacagag tctcaatctg      300
tcgcccaggc tggagtgcag tggcatgata taggctcact ggaagctctg cctcaggggt      360
tcatgccatt ctctgcctc agcctccga gtagctggga ctacaggcgc ccgccaccat      420
gccacgctaa ttttttttg ttttttagt agagacgggt tttcaccgtg ttagccagga      480
tggtctcaat ctcttgacct cgtgatacgc ccgccttggc ctcccaaagt gctgggatta      540
caggtgtggg ccaccacacc cagccttttt tttttttttt tgaaaaanag ngtttatTTT      600
tgccaaaacc caggtgggng nggnngggcc aaatntgggt tnttnaaacc tccccnccc      660
cgggtccanc n                                                                671

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&lt;210&gt; 1913

&lt;211&gt; 685

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(685)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1913

```

ccnncntcca angggactat cctctggagg nnnnnccatg cagcaagatc tacgtggatg      60
atgggcttat ttctctccag gtgaagcaga aaggtgccga ctctctgggt acggaggttg      120
aaaatgggtg ctctctgggc agcaagaagg gtgtgaacct tcctggggct gctgtggact      180
tgctctgctg gtcggagaag gacatccagg atctgatgtc catgaagtta ggaaggctct      240

```

```

gggagagaag ggaagaaca tcaagattat cagcaaaatc gagaatcatg aggggggttcg      300
gaggtttgat gaaatcctgg aggccagtga tgggatcatg gtggctcgtg gtgatctagg      360
cattgagatt cctgcagaga aggtcttctt tgtcagaag atgatgattg gacggtgcaa      420
ccgagctggg aagcctgtca tctgtgctac tcagatgctg gagagcatga tcaagaagcc      480
ccgccccact cgggctgaag gcagtgatgt ggccaatgca gtcctggatg gagccgactg      540
catcatgctg tctggagaaa cagcctacct gtatgtcaat aaacaacagc tgaagcaaaa      600
aaaaaaaaaa aaactcgacc cttnnaactt tagggagcct ttttcntaa atccancttg      660
aaaaaaanct tttttgattt ggnnn                                           685

```

```

<210> 1914
<211> 690
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(690)
<223> n = A,T,C or G

```

```

<400> 1914
ccnncntcna attcggcang aggccagatc cnnnnnnnac agcngaaacg cttgttgaat      60
ggcttcagag tcaaatgaca aatggacacc taccagggaa cggagatgtg tatcaagaaa      120
ggctggcacg tttagaaaat gataaagaat ccctcgttct tcaggtaagt gtgttaacag      180
accaggtgga ggctcaggga gagaagattc gagatttgga gttttgtctt gaagagcaca      240
gagagaagtt gaatgccaca gaagaaatgc tgcagcagga gcttctaagt aggacatcct      300
tagaaactca gaagtggat ctgatggctg aaatatctaa cttgaagttg aaactgacag      360
ctgtagagaa ggacagattg gattatgaag ataagttcag agacacagag gggctgattc      420
aggagatcaa tgatttgagg ttaaaagtta gtgaaatgga cagtgagaga cttcagtatg      480
aaaaaaagct taaatcaacc aaagatgaac tggcatcttt aaaagaacaa ctagaagaaa      540
aggaatctga agtaaaaagg ctacaagaaa aattggtttg caagatgaaa ggagaagggg      600
ttgaaattgn tgatagagac atcgaagtac aaaaaaaaaa gcctttaaac tatagnagtg      660
cgtttacgta gatccagacn tgataagatc                                           690

```

```

<210> 1915
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 1915
annannnaga ggggaatann gantnagttn naannccatn tnnannnaaa nanggggggn      60
naatannatn nnnttgnggc cnaatctgna cgataaacia tngangtcaaa tcctanatgc      120
cttaatatnt gtacattnat anaacaatta tatngattat cnancnaaag tnactgtgaa      180
gagcgataaaa tacttcacta ttaaganact ntngcngag aacatttcag tggaaacantt      240
ngcaaaaaana tttntcaaaa aatgngcaat tcctgggaaa aaaggaaatga tggaaangaag      300
gttantagca gttttncata aanaattaga cannatnggc ctgcattntt atngactaan      360
gaatcccaat ttatanntn aagaccatta atatatgaat acataaggcc ataacatntn      420
aaattaanca catggagtga tttgtnatnt cgtgntaatt taaacntaag atgttatntt      480
naaaaatgat cttggaatat aataaanant ttaaanntga ggaanggaag gtnaaaaataa      540
aattnctgta taacctttt ctttatgaaa tcntgctaaa taaanaataa cctaggatat      600
acttaanaag aaccaagcca aaaaaaatt accttttaag naancanntc ntnnanttna      660
tntttctttc tgaaatnaat acncnaattt taatgaccnc aggatttttn cngatcttaa      720

```

cggnnaagga ataaattaaa naccaaggcn ncatatacct cttgattcat tnnnaataaan 780

<210> 1916  
<211> 848  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(848)  
<223> n = A,T,C or G

<400> 1916  
ccgntnttcc gaantcggca cgagaagact ttctcctaact gcttggaaaa ccataactga 60  
catagttcta aatggcacag ccttcgtgac actagaaatt ggaaaacaac taattaaagc 120  
acagaaaagga gcagcatttc tttctattac tactatctat gctgagactg gttcangttt 180  
tgnagtacca angtgctttc tgcncnngc aggtntngac ccangnncta ntctcttggc 240  
ntttgaatgg ggtgatttnn gcngtgnatt nagctnttcn atcncgtgtnn tcagagcna 300  
ttnttnatnn tnacnctagt actttanngc tatnacagta tcaataantn ntttttntn 360  
ttctacncac tntttcnaca ccttncgagg ancgagttcc atnttttgct nacaaacnag 420  
tnnncctnngn atntannacc ggancctntc anttnnggat ntnanaactg gagctatggg 480  
ggnttacctt gcntttaacn tngannaann ccttctacna agcaatgggc atttgggccc 540  
ncgttnngggg atttctaaga aanccttggat gnaggtggga natttcacnn ncncattggg 600  
nanngcgtat aggcctagaa acantttggg aacggtttgn aanaattctg nttttcgggn 660  
cantttnggg tgnaagnang ggggcntcta aatgtaaacc ataactcctt ntcgganaaa 720  
ggttnggaaa aaanattttn ttaaaancct aaattccang nngcnncaaa cctttttcca 780  
tttttgacn ggaaattann ggggtaaaag gccttccctg gaaaaaattn tggcnccctc 840  
taaggctn 848

<210> 1917  
<211> 690  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(690)  
<223> n = A,T,C or G

<400> 1917  
ncccnntcna ntngccggca aaggacttnn tnnnttgaa aaccatgtaa agtttgatca 60  
tatcattagc tattggtcag acctattttg ttgtttgaga aaaacagnca catggggaaa 120  
atggtagggt gaggtagtgt gttgaggagc tggaagttag cagctcttaa ttttttctc 180  
ctgagactga gttcggaaga agagtagacc atggcatgga ggtgggagag acaaggacag 240  
agttggggag gtcactgect cacacttctg ctcacaccgc tgggtctggt ggaaactcaa 300  
agtttgatc taaaaatggg aggtgttggg atagagttag cttcctaata caattgaaat 360  
aaatcaggat aatgttttgg tgctatgtaa taataatagt taatatgacc aattattctg 420  
tgccagacac aattctgagt actttttgag tgtgtctca tttaatctct tcaaaaccat 480  
gtgagaggcc tagcgtggtg gtcacacct gtaatccctg cactttggga ggtgaggtg 540  
ggcagatcat gangtcagga gttgaagacc acctggtcaa catggtgaaa cctgtctct 600  
actaaaaatc caaaaattag ccaggcatgc tgctcaccct tttaatccca actacttgag 660  
aaactgaggc aggattatcc cttgaagccg 690

<210> 1918  
<211> 1325  
<212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1325)

<223> n = A,T,C or G

<400> 1918

acnntaactt	nnntnttnc	ntatgntaag	gnngggggg	ttnnnncnng	tnatannttt	60
aaataaaanc	ccctttttat	ttntntnanta	ngtagggggg	gggggnatttc	cacnncgnntt	120
ttgggannna	gcccnnnncc	tccgatattn	nantatatng	ngngngaaat	actataacgt	180
gtgntatata	atctccccc	cctatatcgg	ngngatactc	agnanntana	catntntnn	240
gatctccact	ncgaggnatc	anntgnatat	aatcnnncnc	aannagnnta	tantcantca	300
catagatgng	actatatnt	anntncnttc	tcnnactntn	tntntnnact	aatanattnt	360
gatncncnt	attatntcng	atattntcat	aacagtntna	tantancttn	tcnngtannt	420
aannttatat	aagtgttnac	tnnacnagat	anattataag	ttangncgtt	ntcnanctga	480
naactcttta	ttgntntnt	tnatcanatn	atnctttgct	caatcnacnt	tcaattntga	540
atagntnct	ntnngttatg	atattntnnn	tttanatatac	tntntgantn	nantactaag	600
ctctatncaa	cattnnatat	tnnnaannan	acgatannntn	nnctttcctt	gtacctcatc	660
ntntctngta	tcangattnn	gacnccgctc	nctntcgnn	cnntcntnat	attatntntg	720
anctnttana	cactatatct	tntatcaata	ngtgtatagt	atgnanacat	ngcncatanc	780
gtaaacataa	acntnatnga	atgatctnat	ttataataat	atattnatat	atcannaact	840
atcatgttat	cctnnganca	tatatatanc	ntgantcttt	agtnctcna	ncattcnana	900
tacgtcttnc	atnccgctnn	tttgnnttat	ncctatttgn	gantgtgtnc	tancntnttn	960
ncnaacgtgt	cgtantatac	agtntannta	tgtntttata	ncnnnacatc	cactngtacg	1020
atatatncaa	ngcnnancnn	nanntatgta	atntngcnac	tgnntnaant	natncncant	1080
atgnananat	nttntntntn	cattgnatcn	ntagctttta	tcatgcncna	nagnnncact	1140
tgtannngtt	ngtatatat	ntatatcgct	ntcctntttg	angtatntat	tctgtgtant	1200
actncttcgn	cncannactc	agatcnnana	tttcnctcgt	nngangcatg	ttaantactc	1260
ncnngttana	tatatnatat	atcantcttc	tatatnttat	naacttgatn	tatannactn	1320
taccn						1325

<210> 1919

<211> 662

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(662)

<223> n = A,T,C or G

<400> 1919

ncccgatcga	ntcggcacga	ctcagctctc	accagctgtc	agatgctgcc	acagggcgag	60
aacctccaag	atgtgctccc	cagggacatc	tactgccgcc	tcaagcgcca	cctggagtat	120
gtcaagctca	tgatgccctt	gtggatgacc	ccagaccagc	gaggcaaggg	gctctacgca	180
gactacctct	tcaatgctat	tgccggaaac	tgggagcgca	agaggcctgt	ctgggtgatg	240
ctcatgggtc	actccctgac	tgaagtggac	attaagtccc	gtggagtgcc	tgtcttagac	300
ctgttccttg	cccaggagcg	tgaagcgctg	aggaaacaga	ctggggcagt	ggaaaagggtg	360
gaagagcagt	gccatccatt	gaatgggttg	aacttttcac	aggctatctt	tgtttgaac	420
cagaccctcc	tgcagcanga	aagcctgcga	gcaggcagtc	ttcagatccc	ctacacgacg	480
gaggatctca	tcaaactacta	taactgcggg	gacctcagct	ccgtcatcct	cagccatgac	540
agctcccagg	tggagggtcc	caattttatt	aatgccacgc	taccacctca	ggaagcgcat	600
cactgctcaa	ggaagaattg	acagctactt	taccccgga	acttgatcta	caaaccggaa	660
tg						662

<210> 1920  
 <211> 663  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(663)  
 <223> n = A,T,C or G

<400> 1920  
 ccnccgnatcg aattcggcac gaggccacct actgcgtctt ggtcatggag aagaagagct 60  
 ggagacagag aaagatttca gcagaatcct caggatggat ttagccgact aaaacgatgg 120  
 attatgattg gcgatcatca ccagttacct ccagttatta agaacatggc ctttcaaaag 180  
 tactcaaaca tggagcagtc tctcttcact cgctttgttc gcgttggagt tccgactggt 240  
 gaccttgatg ctcaagggag agccagagca agcttgtgca acctctacaa ctggcgatac 300  
 aagaatctag gaaacttacc ccatgtgcag ctcttgccag agtttagtac agcaaatgct 360  
 ggcttactgt atgacttcca gctcattaat gttgaagatt ttcaaggagt gggagaatct 420  
 gaacctaatc cttacttcta tcagaatctt ggagaggcag aatatgtagt agcacttttt 480  
 atgtacatgt gtttacttgg ttaccctgct gacaaaatca agtattctaa caacatataa 540  
 tggccaaaag catcttattc gcgacatcat caatagacga tgtggaaaaca atccattgat 600  
 tggaagacca aacaagggtga caactgttga tagatttcaa ggtcaacaga atgactatat 660  
 tcn 663

<210> 1921  
 <211> 909  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(909)  
 <223> n = A,T,C or G

<400> 1921  
 aaannnnnnn ananagnngg ganaannaan tataaaaatt aattnaaana gnnggantn 60  
 annnttnnnc tntggaaaat tntnttnaga taaaataaag tnagaattac annaattaat 120  
 taaacnaaga nnnanatttn naataggaaa gataaaaana aanagattan taaattataa 180  
 anatanaant gntggaaatnt gaaattaatg aanaagntaa tattaaataa aaaaaagaaa 240  
 atgtaancat tatngaaaat agtnnnaagg attaaangaa naaacncaa aanaaaatca 300  
 ntnttaaagn nngnatagna naaaaatnat ataatnaaaa aaaatangtt tnaaaaatgt 360  
 ganaaanaaa gattaaanac ancnanatnat taaagagtna tacnagtngg aatgaaaaaa 420  
 nangatnata tatnnntaaa gtaaagaatg anaatnaatt nataantaag naatatagta 480  
 aataaannag nngnntaaaa attaaantgg gaatnnaaat gntaaanant gtacanatag 540  
 gagatggnaa taaatttcna ataatngatt agaaaatnnt gtntatgaaa agaaactgtg 600  
 nnaatataaa ganncaacta ctattaatan aagctangat ttgtttanaa nantntataa 660  
 tggagntaaa naaatngaag ngngaataag aatattgata attatctaaa aanaaanntt 720  
 taatattnga gatatttnga ttataaggta tttatgcgtn nntaataaga agttaataat 780  
 cattaaaatt anggantntt taanaataan tgtnnatggg ngtaaaaaaa caanaaaatt 840  
 anaangatta aagaanttaa anaaantnnt ttagacatat aaanaannat nannannnat 900  
 nattaanaan 909

<210> 1922  
 <211> 1325  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1325)  
 <223> n = A,T,C or G

<400> 1922

```

nncannnnat tattctcncn cnnaatnnaa ggtgnngggg ggggttttnt ncaactncnt      60
anntttttng gnatnnnccc cnantgnata ngntnncnag gatannnggg gggggggggttn    120
ncanantata gntttttggg nnagananac ccgtntnccg natntaatnt ntagattggg      180
ggantattnt atantatgag nggggnnatgn ataccctctt cattcngnan acacnnatta     240
naatatgctn atgntanctn cncctcnnnta tntctancg tatattttnt tcaccatnan      300
atnnntnttc ncatcacncn ntannatnna tttntncaat tntncnanc nncantcgtn      360
tanaatcata tcntanatnn ctataanaga cgctctaact aatcgcaent atnntatttta     420
tcnntannng agtntntat cntatatcaa tatanatttc tcttagatcc nanttacntt      480
acctntannn ctctantat tctnactnnn nnntcnacgt nacgnaataa tancctctat      540
nnacgctcgn tgatgncnac tgntnntatt nnatnnaata ctacttctcn ntctntcnnn      600
cncctatcac atttncgata ttgaactcgt ntntatnctn ccttanntca tnnntntnac      660
acantanaca tcanntangn atnntgctcn tntancntna tctnnctana tctctctatc     720
tantannntn tacnctagcn aannctnntc nnatntattn antacttcaa tactntntnn      780
actnttttga cctnatttnc tnnnttggtt gcttttataa catntantnt annntctgac     840
ncttatancg atntatctcn atannanttt ncncctatn tntcncctta tnnntngctc     900
acnatatnna cnnnncataa gataaacntc cnantnatth acncatagat ntatangtaa     960
nattatgtca tatgtccttc antntntnt gacatatgaa tncagtacct atatctgac      1020
nngcatatan nctcgcncac aacnctcata naantatcct tatatanata tgaattngtg     1080
tangagntat gccgntaacg tgntcnatac gctctatata tgcaatnatt tttttcatac     1140
ncatgtacag tacntctatg tntatntag tanatgtctc nactatganc tganantatt      1200
cagntatagt cccttncnac tcctctcgan anactctntc actatnnata tannttctct      1260
naatctatnn ntatatctct cttgatnctt ctcacaaaan atgagantca tgtatatnta     1320
ngcgn                                     1325

```

<210> 1923  
 <211> 823  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(823)  
 <223> n = A,T,C or G

<400> 1923

```

nnttntnnna tanngggggn nntttntntt tgtacnctt ttnntannca gnggggnaaa      60
cgcgnttnnn nantcccca agtttacttg ggatnaannt gnggtgggga atancgtat      120
gaatatanac cncggngac ctgntagang cctgnanatg ctgtncacag ctnggggtt      180
tgggatantn tccgtggnta ctgtatgtna cgganagtta tagcctttac ttactgtnt      240
ccctnacttt ggagngatga gagatcngnn ttnganntca nnatcntgtt ggatggntan      300
tctgnctacg gngctgntat ngcaaatac ntactngat tgagcacctn actgttttnc      360
ccctcctctn ctcttagatt ctgnttgnc cggttattct ctacctacct cgangtaatg      420
tgtntctcgt cactcctatc tantctcctt ncccttatct tctntgcctt natntnnaga      480
atctgtggng nanntcctng gcatacaaan cagnttnatc tnttanaagn tntngtggt      540
nagtaanaaa gccatntng tgntnctttn atctagnnt ntcggggttn ggaaaannt      600
atnnnnatta ntnaagggtg gannntnaan cgtntgaata tttctnatga aactgggnat      660
ntgtngtctt aataggaggt natnctantg ctactggana gangnttggg gatttttcaa      720
tgntaagngg gnttggaact ttatcnngtg anantnnna nngggggttn gngcngcgt      780
aacnatgntn tgaaatantt ngnggggtng gcntanaana nng                                     823

```

<210> 1924  
 <211> 1171  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1171)  
 <223> n = A,T,C or G

<400> 1924  
 attantnact anaagtagtg gggannnntt anttatttna antcnnntnt ntnangnggt 60  
 nggntnatnc nnnatttnnn natnaggncg aatnncnntc ttntaaattn aagngtttcg 120  
 cntnagggac tanttggtct aaacttggtg gctcnattct gggnaaatnt agtnttncan 180  
 tcttggaactn agnggtaatg nttnttcana nttattctaa caggnannat ttnggtntntn 240  
 nttcaataag gngtgtannn nangtgcgng anngannnaa nntgggttaat gntggtntac 300  
 ataatagatt attntataa tgccatacna nnnagngtgc tcttnnngaa tantgattac 360  
 ttgntttnta gttgatnann gattttgaat tgnngnattt tctaangcgt tanttngcta 420  
 naaatcgggg ngtngttggtg ntagttaacn tgannnatcc ntnaggcngt cngcnatana 480  
 tnattcttna nacatccagt ntntagnttt aantntattg ngantagggg tggaacattn 540  
 nggaactcat ggattgccta tcnnnttctt tatcatncca tgggttaann gttttgttat 600  
 atgatagtat anatnnnang aanaatgatt tgnntaaata tctacnttgn nataggntaa 660  
 gttattcttg natngtgtta ttngtcnaga atctggntct nttnnccatan cngnggannt 720  
 nntcacgntc ntgntnanga ttatncnna tatatatacg cntttctgta tttagnanat 780  
 ntntattttg tgaantaana tntacntnat nngntngtct natntnccg cantatatnn 840  
 gnatgatnt gtnctatnat tnttnngagg tnn catttg nagantcngn nctcantnga 900  
 cgaatttntn tctgtacan antcgaana tncggtaana agggacnaaa tntgtgctc 960  
 anacatnaca cantacggca tagtgacatc tnaggnnnga tcnntagtna taaatctcta 1020  
 ccagannntn atcacttant nnnngtnnaa atntctcta tgttttgagt gggcnaattg 1080  
 nattatctna tntctgtaag gcncntngc ggntactana tntctanatn tactnttctt 1140  
 ntancnttgn gnntntnctc acctnccngn n 1171

<210> 1925  
 <211> 1010  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1010)  
 <223> n = A,T,C or G

<400> 1925  
 tntcgttnnc tnatagnggg gtctntgtna tttntnnca nntnnaatag aggtgggagt 60  
 ctagnnttgn nnnnagaccc gaggtagtga ggggttnatn nngnnttnag ncnnggngtg 120  
 cgntttttnt ancntanaaa tctntntcgt tnnantntn ttngctaann tttanntagn 180  
 taanangttt taagtntagn tccntnnant atnatgnntg ntnttaagnt cataatnatn 240  
 tnncaagat ntgnnanngt gcttagaaaag taaattattn antttggtng ttaagtagat 300  
 ntgtatnagn ncnaaatana ttnaatcgat tggannnttg tnttnaatat ngnntnctng 360  
 agctnnannn aaaaantgna ancantnaan tttnanntca tnnagtngga anttaagttc 420  
 tnntnaacat tttcntnttc atttaattga tatattatta gtgataaang gtactaantt 480  
 tngtattatt nnnnatnatg gtaatantca gtttgcantg tntttattn gtccnaangt 540  
 ngaattgtna aaaatgtgna tnnnnanaat ngcgtagnta taanatnngg ntntggngatg 600  
 ganctnnnat ntngtnatg tattngntnc anatnnntat cagatatngn tnaggtntng 660  
 ctntatnatt acangnttat tnaagtnngc attattngt ctacggcatn atangnanan 720  
 tnnttanann attnnnttg anananattn natgttgaan tgggagataa cnntaanntg 780

```

ntgttttnna antgtatatc gnatattncn catmntangt ananatatga nnagttttaa      840
gttnntatga ntggntcncn atgttatatt nnttcaggta tagngantat nggtannacn      900
cnatanattg nctcatgatn atgnganaaa tggancnaan tctanatntt tganatgaaa      960
catagntagn aaatncgatg tgnagaang tatggttgta tngcanatng      1010

```

```

<210> 1926
<211> 665
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

```

```

<400> 1926
gngntcgaat tcggcaccgag acnanntnc ttatcctcan aacacnttag nnnagctctn      60
nagtaatctg gctacnagta tgcctagaa aagnngacac attnnctnaa anatgatgat      120
agagaacang tgatnttttg ngcngattac caanganctt tgccctgttg agngtctggn      180
ggatcatagg gantcctnnn cngccttan antnatngca aggtcangat cgctgagggn      240
tgagnatgga nctntcatat ctataanggc aacctngagt tgatcnaaaa aangnnnacn      300
tnctcnnagt acaccnactc anancanngn ngacatntgc atnnannngg acaccntctc      360
attaatantc aaaggataaa nttcttttct ntatgacanc ncctacncc acnngtnacn      420
canggcncnt cncctnanac agtaaaccca annacnntg cncaccanat cacctgtncn      480
gaggnttatg cctnagcata tttcttttaa gccgagggna agttcnntat gccacccttg      540
ctttgtaaca aanttattnt aaagtgactg gaattatcta ttccccagat ngatcatctt      600
cccctgcaac gngactctgt ntcctgcgcg gnttccatgc tgactagtcc cctactgnta      660
atatn      665

```

```

<210> 1927
<211> 1035
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1035)
<223> n = A,T,C or G

```

```

<400> 1927
aaaaannaaa antgaggggn natanatata tanntannaa naanaagang aagggggata      60
aaanagatgg nnggcnggng ggannnatat gaaagggagn anagaanana ngnggaattn      120
caatatgant angtaatnat aaaaagagaa agtnggaaan aattataaga nntantataa      180
aangaaaaaa atantatgan aatnaatang tnanaagaaa tataaataat anataataaa      240
ataanaatga anananaaga ngtaaatatt agnaatatga antaaaataa tnnnaaaata      300
naaatnanna aaaaaaatan aatgtnaaaa annaatanan ggaaatntna aatanaanaa      360
taangnantg ataaaatatt anatataana aaaannnaaa anagnaaaaa tntaaannta      420
aaaangagaa antgaaaata anataantaa gaanataaat aataaaaagta taatatgaaa      480
aaaatanata ataaaagaann tataanaatg aaaagaagat gtaanntnan tatatnanat      540
naaaaaagan aaagngaaaa aanatattna atataanatt anaagatata aanatngata      600
gaaanaanta anatgagann anatagagaa gataatanna taaaanaaga gtaantaana      660
aanaataaat gannaantaa taaatanata aataggtaaa angaaaataa aaataaaaag      720
anannnaaga tgaagaagna angaaaatgn aataanatat aaaannnagn atntnanaga      780
gataanaagn aaaaaaana aanananaaa agnatganna tanaanaaat aaaaagtata      840
aatataagaa tngangaaag angagtanaa tgatagnac taactataaa gaatatnana      900
gnaanganat gagaanaatn atngaatagg aaanataann attatntnaa natnnaatta      960

```

gntatnaata tnaatganna taaanaaant atatgaagga aanangaana ataaaaaatna 1020  
angtaaaaaa aannn 1035

<210> 1928

<211> 665

<212> DNA

<213> Homo sapiens

<400> 1928

```

ccccgatcgaa tcggcacgag ggaagacaca ataattttta attgcctaca gcaggggttg      60
gcaaatagtg gtgcaagggc cacatctggc tagcagccta tttttgagaa tgaagtttta      120
tgagaaccca cacatctggt ttagattgac tatggctgcc tttgagttac agcagtggag      180
ctgagtagct gtgacagaga ctatatgacc tacaaaaact aaaaatattg gtcctttaca      240
gaaaaagttg tctgacctt ggctactat ttcaaactct gggtaggtcc tccacgtcag      300
ttcttcatgg aactgtattg ccgagggaaa ggcagtcccc acactgtgca gcccttcag      360
ctgtgctcct ggctttctct gccatcctga gccgcaggct gtggggcagc gcagcaccag      420
cactgcagct gagcagaagt tttgtgcccg cctgccccca tcccctccag gccacgtttt      480
agatggccct ttagtttgcg ggtcctgggt gtcctcagaa ctagacatca atgcctggat      540
ccttcagccc ggccctgccc tccttttagga gacaggagtc accagggcac agccctccag      600
cccgcctcag gaaggaatga aaggaatgcc atcatctcta gttcccaggg cccagccttt      660
ccctt

```

<210> 1929

<211> 665

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 1929

```

cncnttcgaa tcggcacgag gattgatgta gggttttaaaa aaggcatttg tatgttggtta      60
gcttacatat ggggctaggt aatttcattg cttaaaaaga tgccgctagg ctccctcttg      120
gtggctggat ttctttttct tcgcccgtgg tggccatggt tcttaatagg gccaccggaa      180
tcatggtttc tttctttttt ttttttttna aanggagnt ccccntgnna ccnaggntgn      240
agngcagggg cncaatntng gttaantgaa accttngcct cnnggggttna ccccntnttc      300
ntgtntaacc ctcntnagna nnnnggaacta cnggnnaatn ccnccacccc cggntnattt      360
tngnnttttn agaaaaaang gggtttnacn atagggggna ggntgtnttc aaactcnnna      420
cntaagggna nccnctgcn tngnccnccn aaagggntag nattacaggn gnnaccacc      480
acncccgnc cnaaanaaag ggtttttgna ctttctgaac ccctngtnen tnagtctgct      540
ggnanattna ngtggacctt aatnatTTTT tattctgaac ccctnttaac nttaaatng      600
aaatntaaaa aattaaaaag tanaangnt tttattgttt tgacaccttt gaaattttta      660
taaan

```

<210> 1930

<211> 673

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(673)

<223> n = A,T,C or G

&lt;400&gt; 1930

```

ccnncnnega ntcggcacga gggcacagtc ctctctgttc atagaaacac ctgccagtgt      60
caaggattcc agtcagggtgt ctatcccaac tggtcaggga gagaaggga gaccatttct      120
caaagaccac catgtccaag gtctgacagc tcccactgg ctgccccac aggggcttta      180
ggctgggtctg gggtcatggg aagcgtccct cttatcgctg gtctgtgttc tcctggattt      240
ggatatctatg ttggtacgac tcctggcctt ttatctaaag gactttggct tttgtaaadc      300
acaagccaat aatagacttt tttctcccc tctgtttttt gctgtgtcat ctctgccttg      360
agactgcctt gagacagtgc ttgccttgag agagtgcagc aattaacagc tgcctgaatt      420
gtcattttcc attttgggtt gtttagagggt ggaggggtgg gttttgagaa ggtcaaaagc      480
aataaccagaa gtaaaggga atatacagaca atattttatt attttttcat agatgttctg      540
ccacacaaag aacttggggt gtaaggataa aggcacaaagc ctccaatccc atttttcaag      600
ttctcctang atgcacccct taaggagacc ctggccagag ttccgaggcc cgtgagcgtc      660
aactgttgc ttn

```

&lt;210&gt; 1931

&lt;211&gt; 667

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(667)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1931

```

ccnccnctg ggaggaataa ttcaatttga ttggcagata tatataatac agtaggagaa      60
taattgggaga aagataaatt gagactagaa taggtagact ttaaatagcct gtctggttta      120
ggatattttaa ctttcaagggt gtggtaaatg tttgagtaaa ggaataatgt gtccaaagat      180
tattatggaa ttgtctctct gcatacctct atcgctgttt gtcacagctg tgttcttatg      240
tgactgattc ttccctgaaga ttagaaactc ctcaaagact gggtattaga gcttattcctt      300
cattatagcc ccagcactta gtgcaatgac agaagcaaaa atattaattg aattgagaga      360
aaattgagat atagagacga gtcatttttg ttcacaacag aactagtatt taatgaaata      420
taattggaaaa gactgagttg ggttactgtt taactgagag catcagagat ggataggcag      480
ggaggattta gaactgagag tgaattacag caatgaggga agcagaaagc tggaaagtga      540
gagcgttttg cattggggag agtgctgagt gacgagagtt tttggaggta gagaaattta      600
taaaactaat cagaatgaac atttcatttg aagtaatagg gtaagcctct gaaaattgtt      660
cctangt

```

&lt;210&gt; 1932

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1932

```

cccnntccna ntcggngng caacnacn tnngngcccc cctcctatag gngaattcaa      60
ctcantgccc gatntnnta atacagtcag gntnntanng ngngaacnan aattntntac      120
tannanacnt agactnnaan tgcggngtct gggttatggn tttgaacttg cncnagagtg      180
gtatnccgtc ncataaagga anaangtgnc caangattat tatggaattg tctctctgca      240
tacctctatc gctgntgtc acagctgtgt tcttatgtga ctgattcttc ctgaagatta      300
gaaactcctc aaagactggt tattagagct tattcttcat tatancccca gcacttagtg      360
caatgacaga agcaaaaata ttaattgaat tgagagaaaa ttgagatata gagacgagtc      420

```

```

atttttgttc acaacagaac tagtatttaa tgaaatataa tggaaaagac tgagttgggt    480
tactgtttaa ctgagagcat cagagatgga taggcaggga ggatttagaa ctgagagtga    540
attacagcaa tgagggaagc agaaagctgg aagtttgaga gcgtttgnca ttggggagag    600
tgctgagtga gccagagttt tggaggtaga gaaatttata aaactaatca naatgaacat    660
ttcatttgaa gtaatanggt aacctctgaa aaattnttcc taggnttn    708

```

```

<210> 1933
<211> 641
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(641)
<223> n = A,T,C or G

```

```

<400> 1933
agagtttang aagaaaggag gatttgaagg gggaggattc cttggaagaa agaaagtccc    60
ctatctggca tcatcaccaa gtacttccag agtgctggga ttacaggcat gagccaccac    120
acccgacact taaagggcat ttcttattta tccttgtttt agtcacacca tagtggaaatg    180
agtaatcagt tttagaagct gcaaatttac cattctctca aagatgctag tgtaataggg    240
cactttaatt atgagtgggc tatatgctta ttctgtatgt atccttctta gtgagttgag    300
aatattatgt attctaagtc tttttttctt anactgaatt gggtgactaa atacatttgt    360
actatataat tntagtgtat ttaaaatcca gctaactttg caaacttggg ttggaaatct    420
tgtaaaccaa taatatatac agccatatag ataaatggat gtttagttca ttagatctta    480
ttaactgaca attaactgtt ttaataggaa caagagtttg ttcagaaacc aacagccaag    540
aathtagatg gctctctgaa aaagatcatc ccancagcag aaggcagaag ttagctaata    600
ttgagagaga gtgcctggaa taacaaagca acagnttcat g    641

```

```

<210> 1934
<211> 657
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(657)
<223> n = A,T,C or G

```

```

<400> 1934
cctaggtggt ataatgtgat gtacattaca catgaactat ctacactcac taaaagccat    60
tatttaagag taagctcaca tagcacacct atttccttgg tgttgcaaag cttgaggttg    120
cacagctttc tcattttgta gagcaaatga cagttttcat caacagacca atggattcac    180
agctaagaat aagacaactt gaaaactcca cgttttacia aatcattttc tattaaatta    240
taaaaacctc tgggatccaa actagcaaaa aatgccaatt ttcaaaaaaa aaatttttta    300
gtggaaaata caaatatggg ctctatctaa tttttaaaaa gctggagctg ggcattggtg    360
ctcacgccta taatcccagt tctttaggag gctgaggtgg gaggatcatt tgagttcagg    420
agttcaagac cagcctggac aacatagcaa gactctgtct caataaaata aattttaaaa    480
gccgggtgcc atggctcaca cctgtaatcc ccggcacttt gggaagtcaa aggtgggcag    540
gtcactttga gatcaggagt ttcaanacca gcctggccaa atatngnnga aanccttgtt    600
ttttttttga aaaaaaccaa aaaatttaac cttgggccat ggtaaacaa gcncccn    657

```

```

<210> 1935
<211> 646
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (1)...(646)  
 <223> n = A,T,C or G

<400> 1935  
 tgctgcccgc tggtcagtat tgggaagcaa ggtgaccgca nggggggatg atcatgcagc 60  
 ccacttggtc cagggttcac cggggccccc aaccgtttct actgcagcca aaccanatat 120  
 gctactggtg gggcaagtcc aaggctctncg accatgccac ctgccctggg ggctcccctg 180  
 gaaccccggc ccctggattn agctctgcag cctcctccgc actcaggatc agccctcctg 240  
 tcttgccact agcccttttg tcccagggtt cagcgatacc caggccacgt gcccaacttt 300  
 ctgagccana cccagggcta cctgcggagt ccacaggacc ccctgcgccg ggagccacc 360  
 gtgcttatag gcttnttgt ncaccacgcc agcncggct gtgtcaacca ggacctgctg 420  
 gactccctgt tccaggggcn tgaatgagga acgcgccact tggacacatg aggaaaaagc 480  
 tgcccttggg agctactgat gctgtgacct cacctctctg gntttgggcg gnaggnccct 540  
 tgcacctagg atgcctngcc ttggaaaang nccttgcatt cgtgggcctc cnttanaggc 600  
 ttctttctaa aagaagcctc ttgcgaatgc acagggaagt gtgnca 646

<210> 1936  
 <211> 654  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(654)  
 <223> n = A,T,C or G

<400> 1936  
 tttgaagnnn nncnccgcaa atatgccaaa ttttgtatta taattcaatc tgtatgacag 60  
 ttatgtgagt ttttttttgt tttgttttat gcttgtgtga agatttttgt agttaagctt 120  
 tttttaaaaa aaagtcaact gagttactta cgtgatgaaa ttagaacaca tacttcttac 180  
 aagcacattc tctctatcc cctctccat ttcagttggc accataatgc catttttgcc 240  
 taaccataac ataaattaat atcattttat tttatggagt ttttctttct gggataataa 300  
 catttctgct ttgttgcata attatcacag acaggttttt ctttttttgg agatggagtc 360  
 ttgctctgtc acccaggctg gagtacagt gcgcgatctt ggctcactgc aacctctgcc 420  
 tcccaggttc aagcaattct cctgcttcaa cctccccag tagctgggga cacaaggcac 480  
 ctgccatcaa gcccagcta atttttaaaa atatttttaa gtagagaang gggtttctcc 540  
 atgttgcca gncgtgttg ggaactcctg gacctcaana aattctncgc acctcaacct 600  
 ccgaaagtgc tgggattacn ggnggtgaac cacagnccct ggccacacac ang 654

<210> 1937  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 1937  
 cgcctgggaa tactcgggag gctaaggcag gagaatcgct tgaacctgac ngntnncgg 60  
 ttgcagtgc ccgagatgc gccacttcac tccagcctgg gcgaaagagc gaaactccat 120  
 ctcaaaaaaa aaaagggaag ttgaanaana nctgcaaatg tntgttngg gtaactttat 180  
 gnagggttgt gnncgtaagg gccattannt aacccagga ntncntttta ngggaaaggn 240

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ggnaaggct gttcaaacnc agngagtcca tgtnaaaat atgttttggt tccctnatte 300
ntttcccat cttttagtta ctaaaanatg taactgaact gcanatcctt ggngaaatat 360
ntttcaacaa atntttatgt gagggactga ttgcanagan ccacanacta anactnntgt 420
cgcnttcctg aaagatgaaa ngccccattn ttgcctatc ntenttaaag gncagcngtt 480
gggggacttc tgggnntgga ccggnattnt ggcnnccnn gttnaannng gggctttttt 540
taaaaaanaaa aatttcaccn cntngacct ttggannagc nattagggaa nggnccatt 600
tgnaaatnca anaaaaatnt tgcntccnaa aaaaaaaaaa aattttaggg ancctggntt 660
ntnccacttg ggggannagg gnttttaanc ccnaatcctt ngggaacttt ggggaaaacc 720
caaccttccc tttttggcat ttttaattt 748

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<210> 1938
<211> 640
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (640)
<223> n = A,T,C or G

```

```

<400> 1938
ggctgtggtg gagaagctgg gggccccctt ccaggtgctg gtggccacgc acgcaggctt 60
gtaccggaag ccggtgacgg gcatgtgga ccactctgcag gagcaggcca acgacggcac 120
gccatatcc atcggggaca gcatctttgt gggagacgca gccggacgcc cggncactg 180
ggccccgggg cggaagaaga aagacttntc ctgcgccgat cgctgtttg cctcaacct 240
tggcctgccc ttgccacgc ctgaggagt ctttctcaag tggccagcag ccggcttcga 300
gctccagcc tttgatccga ggaactgtct cgcctcaggg cctctctgcc tccccagtc 360
cagggccctc ctgagcgcca gcccgaggt ggtgtcgca gtgggatttc ctggggccgg 420
gaagtccacc tttctcaaga agcacctcgt ntccggccga tattgttcaa cgtgaacagg 480
gtancgtnc gtgtgccga nccggggcg tcccttgccg ntgcttctc ttcancgcca 540
nntctggagc angcgcccca cnacaaccgg ttttngana ngacggactc ctctnatatc 600
cccgtgttca nacatggtca tttatggcta caggaaacna 640

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```

<210> 1939
<211> 646
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (646)
<223> n = A,T,C or G

```

```

<400> 1939
gmnncggccn gaatacattt gttcatgatg tcaagtgtct ggtatgtagc taatgcttat 60
tgaacacata gtaatttatt gaataattgt catgatcact ggatgagata tagccactgt 120
ggaggtaggc acaccagggt tttagaggct tgggatcttg caacaggatt ttctcttg 180
ctctccaaac tgccctttgc ccagatggct tcagcatctt tttgcatccc tgtttccttg 240
tttggtgaac acctgtctca acctgtctgc aaggcgtggt gagattctgc atccttggtg 300
agcactcatg tcaactccaa acagctgttt gatgctaata gcacacatga ggtcttgcaa 360
atttgtctga ggaactacag gacattggag agatatttat caaacacca ctacatgcct 420
gatacttaac taggaactag aaagtgggtg gtgaagacaa gtggaaagta aatgcaaac 480
tattccata tatgtttgnc gcttagattg ttcccacaa ttccctcttg gaattgaatg 540
aatggacgtg tgtgtgtgca tgtgtaagng gagtgtgtat gccttggtg gtattctgag 600
ggcaagtcan gtanagggaa aggaggccan aagccagaaa aatggn 646

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<210> 1940  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 1940  
 ncagatgtgc agttgtgttg actctttgtc tcccggtgat aaacccatgt gatatnnccc 60  
 aaagtagata atcaaaagaa ttgaccaaaa aatattaaag caaagcaaag aaacaaaagg 120  
 tgatactgcc agaagtgaag tttgaatgga acataaatgg aattacagag gaaatagcaa 180  
 agagtgggaa tgttggcact gctgtgttgc cagtgactct agatttgctg ccagacaaac 240  
 ttagtgaaag cattgtgaca taaaggatga acaagtgaca ctggcataag attttacagt 300  
 aaacaaatcc tgaagataat ttcacccatg tgaaggcacc aaggatacag tgtcagaagc 360  
 tgatccttag gaatataacg gttcaccatg gcatagaaaa gatgtatccg gccaggtagc 420  
 gtgcctcaag cttctaatacc cagcactttg ggaggccgag gtgggtggat catttgaggt 480  
 caggagttca gggccagcct ggccaacatg gtgaaaccct gtctctactt aaaatgtaaa 540  
 aaattagctg ggcagtagtc gcatgcgcct gtatgccag ctctcaggag actgaggcag 600  
 gaaaaatcgc caagancctg ggaaggcgga ngttgccagt gaaccaaaga tcgcaagcan 660  
 ttgcacttnc aacctggcgc anagantgag aaccttgntt caan 704

<210> 1941  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 1941  
 ccncgatcga ntgcgcacga ccacctaaan atcattattt tcaataactta aatattagcc 60  
 catnnnnnt tatcttcaga tgtctataat tggaagccta tatagaaatg gttgatgagc 120  
 ctatcggttg aaccactgca gagaatagag tgatggtcct agggcctcct gtactttgca 180  
 tgctcctcct ggaagttaaag agtaagacag agaatagtaa taatcaccca ttccagaact 240  
 ggttgacaaa catcacaaaa gcttgtccag acttattagc aagttaataa aaaactagac 300  
 ttctttctaa gtacttataa tttaggctgt ggggtagtgc tggtatgata catttgttt 360  
 aaaatattct gcttcttttt aaagtgagtt gtatgtgtct ttgttgtagg gacgtgcaat 420  
 ttttgccagt ggcagtcctt ttgatccagt cactcttcca aatggacaga ccctatatcc 480  
 tggccaaggc aacaattcct atgtgttccc tggagttgct cttggtgttg tggcgtgttg 540  
 attgaggcag atcacagata atattttcct cactactgct gaggttatag ctcancaagg 600  
 tgtcaagata aacacttggg aagaagggtc ggctttatcc tccttttgaa taccattaag 660  
 agaagtttct nttgaaaatt gcagaaaaag aatgnngaaa gangccttac caagnan 717

<210> 1942  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(714)

<223> n = A,T,C or G

<400> 1942

ccccgntcga	ntcggcacga	ggttggaagt	tcctaattct	ttcctcgggt	aactgtgaaa	60
ctctgnnnnn	nnggaaggcc	tggcctcagt	catcaggcca	ggagaggtag	tggacgccc	120
gcacgcactc	gtctgccagc	gaggcccaaa	ggggaagcct	agcggagctc	agtgtggcag	180
ctgctggcct	ctgggccggt	tgtgcatcta	atcatccaaa	aaattcagct	caaaacctga	240
ctaaagatag	tactttaaaa	catgaaggct	tctattcaga	gaacttaact	gaatctagaa	300
aattcctgaa	aagtagggaa	aaacagtcca	gcctgaccga	aataaaagga	tctgtttatg	360
aaacaacata	cagtcctcct	gaatgtccat	tctgtggaaa	aatagaggag	cacagtgaag	420
atatggaaac	tcatgtgaaa	acaagcatg	ccaatctttt	agacattcca	ttggaagact	480
gtgatcaacc	actctatgat	tgtcctatgt	gtgggctcat	atgtacaaat	taccatattc	540
ttcaggaaca	tgttgacttg	catttggaag	aaaacagctt	ttcagcaagg	catggataga	600
gtccagtggg	ctgggtgatct	acaattggct	cancagcttc	agccaggaag	aagacagaaa	660
gaggagatct	ggaagaatca	agacaggaaa	ttgaagaaat	tcagagcttg	caga	714

<210> 1943

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 1943

ccnccgntcga	ntcggcacga	gccaaaaggc	ataaagataa	gtgagggatg	gagttctgga	60
agttgtgnnn	nngggnnaga	tttactttca	ggtattggca	aaaatcacag	ctggagtgc	120
gattaagcat	ggtaggaggg	tgggtattgg	agaaggaatg	gaggggaaaa	aggaaaaact	180
acaaatcatg	ttaaaactgt	cctcattgag	ttttacaagt	aatatactgg	tcttatatac	240
cctttcctcc	taccgtggga	aaatatcact	aacttgtaat	aggattaaat	gaggcaatac	300
gtaagctttt	tagacatttt	ctttatagag	aacattatta	gaagttgttg	gcctggcgca	360
gtggctcgtg	cctgtaatcc	cagcactttg	ggaggctgag	gcaggcagat	cacctgaggt	420
caggagttca	agaacagcct	ggccaacatg	gtgaaacccc	ttctttacta	aaaacacaaa	480
aaaattagtc	nggcttggtg	gcacaagcct	gtagtcccag	ctactcgggg	aggatgaggg	540
atgagaatcg	cttgaaccca	ggtggcagag	gttgacagtga	gccaagatca	cgccctgcac	600
ttcacctggg	caacagaagc	gagantccat	ctaaaaaaa	aaaaaaaaaa	aattcggccc	660
tttaaaaatt	ntagggagcc	gttttacgna	nanncccaac	cttganaaan	anacattg	718

<210> 1944

<211> 715

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 1944

ntcnantcgg	cacgagctga	ttgagaatag	tncgagatga	caccacttgg	gtaaaaggac	60
nnnnnnnagg	aactgagcac	tcgctgggac	actgtctgta	aactctctgt	ttccaaacaa	120
agccggcttg	agcaggcctt	aaaacaagcg	gaagtgtttc	gagacacagt	ccacatgctg	180
ttggagtggc	tttctgaagc	agagcaaagc	cttcgctttc	ggggagcact	tcctgatgac	240
acagaggccc	tgcagtctct	cattgacacc	cataaggaat	tcatgaagaa	agtagaagaa	300

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aagcgagtgg acgttaactc agcagtagcc atgggagaag tcacacctggc tgtctgccac 360
cccgattgca tcacaacccat caaacactgg atcaccatca tccgagctcg cttcgaggag 420
gtcctgacat gggctaagca gcaccagcag cgtcttgaaa cggccttgctc agaactggtg 480
gctaattgctg agctcctgga anaacttctg gcatggatcc agtgggcttg agaccaccct 540
cattcagccg ggatcangag ccaatcccgc agaacatttg acccgagtta aaagccctta 600
tcgcttgagc atcaagacat ttatggagga gatgactcgc aaacagcctg acgtggaccg 660
ggtcaccaag acatccaaaa gggaaaacat agagcctact ccgcgcctnt catan 715

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<210> 1945
<211> 1006
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1006)
<223> n = A,T,C or G

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<400> 1945
nctannanan atacnnntna atnaantann atatcanttn aaacacnnnn atcnantatt 60
atctnatccc tananantan aaatttnngg gctntnttan ntaatcanat caaagggant 120
atnnantntn anancctaac ttntcntcan tntctnnnnn tgtantacga tttcctcann 180
ntnntntgaa aaaacnattt nngccaactg ctaanntact cantcgttac tgaaanacaac 240
nagtgtagca ataatggct aatagttcca ttggncgtnt nttactcaag cannaantac 300
ancannngtn aaaacgnngc caacatanga tacctttctt ggaacnattt ttgnnnctna 360
taaggcnaaa agncttggtt cnaataaagn tntacnctn anttnattaa cttgctantt 420
antatgaaca nttcnatag aatnaaatcn aaanaanaat ctnatnnnta ttgatttctt 480
cngatanann cnatnttatt ncctttaatc tattgcctnn aanttcnct anntntncnc 540
anaagctgtc catgaattta tttcannncc acntaattna gggnnncacc nantaagcnc 600
tcntgatttn anaannattc nttgnntacn actggttnat ttntnnaann aaaaatgtta 660
nnactntgtn tnatnaattn aaanactnn tngctaana agngnaacnt aanaantctt 720
aaaaaannnt tnccacttaa atnanttact ttaataaant cttaattggg aaagtnaata 780
atttcanaaa nctnatnttt ttttaaaacta tccttattta atntgnantt tnaaaaangna 840
ttnaactntn nacaanaana aaaaaactn ganctntaan cgaatngttn cttttttctn 900
nngataaatt ntcgaanaaa atantnnaan ncnatantta aaangnnana tagnnaaaac 960
tnccataatn gttttcctan aaacttaaaa aatantnant tntncn 1006

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<210> 1946
<211> 701
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(701)
<223> n = A,T,C or G

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<400> 1946
ggctctgccca aggtgtgatt ggaaaaattc aaaaaattgc aacctcaggc ataaatggnn 60
caaggacatc ccaagcccaa gtggtacgtg cctcactcag aactgacggg ccgagtctta 120
tctaggtgtg tcttcagaa cctgtttacg gctaactgga taactgagag acttgctatt 180
tctaaagaca tttaagttgc tccagggatt tctgaaaaaa gacacaggct tcttcctaga 240
gccagcccta tataacatgc ccacaagggc aacagttatc acagttcata cacaccttc 300
atgtcctgtc tctcactc ctcacagcca tcctaggaga tacatattgt tttcatcctg 360
catttacaga aaaagaaatg aaaacagaga gcttaataaa ttgcccacag taatgtcgaa 420
actaggcctt tgaaccaagg cagtctaggg taaaatatag tttcaaagta tgaataagaa 480

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ttggtatttg	tggtatcttt	gagtaagaaa	ctgtccgata	tgaatcacia	cgtgggtgaa	540
tgtagtattt	tcctgaagt	tgaaagactt	aaaaaaaaa	atcacattgt	tcagagggtgc	600
tcaatggaaa	gaaaaggaaa	tgaacaagtt	tggtaaaagg	ataaaaaata	aaaaaattcc	660
atccttggtg	nnnaaaaaat	nctnnccctc	nnnnnncnanc	n		701

<210> 1947  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 1947						
gacctcgtga	tccacctgcc	gcggcctccc	aaannnnnnt	ctcactggca	tgagccaccg	60
tgccctggcca	gcaattagaa	ttttaacact	ggcagttatg	aataatatga	aggagaggta	120
gatttctgag	tgattctggt	tttaaccagct	gggtggatgg	tggttccacg	tattcagggtg	180
gcaaacagga	aaaacatgtg	ttcgaagaag	aatggaggta	ggtggtctct	taagaatggt	240
taagaggctt	gggagtcaga	ctgcttggtt	ttgcacccca	gctttgccgt	tttctggcta	300
tcaaacttgt	cagctattat	ttgttgagta	cgtactatct	gatttatgac	cacaggcagc	360
tgagcctcag	tggttggtgcc	tagtgtacaa	gattgttaaa	gaataaagtt	attttgcaaa	420
gtgtaaccca	tttttagcac	tgacatagca	ctgacagtag	ctgctgatct	cattatgggc	480
taaaataaga	caatattcaa	aggtcagaga	tatcttacc	agaatctggn	tggaggctgg	540
gantttcang	attttggttc	caggaantta	gacngaagga	acccagang	ggggnccaggc	600
ctcaatttaa	gggttggaag	gtngtggggg	gtaagggaaa	gccaggacct	tggntatnaa	660
anttatgttg	gaaatcaatt	gggccttttt	aaaanccaag	ggggttttat	tgtcacgggg	720
gatn						724

<210> 1948  
 <211> 1000  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1000)  
 <223> n = A,T,C or G

<400> 1948						
annnnnnnt	nnnnnnntn	ntnnnnnnna	nnannntann	nnanntacna	natnantnta	60
nacnannnt	ananntnnnn	nnttnnnana	tcnnnataa	tatggggcan	nannannttn	120
anannacct	nnnnnggggn	tntatcattn	nntttgaaa	nccnatantn	aatacnntag	180
gagnaattcn	cagcangnat	tgaagaaaan	gtancaggct	gcacntntn	ncanacctct	240
ncgtgcnatc	atctccangn	antaattgaa	agggccattc	angaaacagc	accaggnggc	300
tacaaattta	cnggntncac	tnggtgatnt	gatcttntca	tncancacaa	tggacanaaa	360
gtctaaggaa	cgtccttggt	gattcctttg	ggntcctgct	tctntttaca	gcctatggag	420
gtcttgcaag	agcctgcana	gcacctctgt	acagctagga	gggcctgggt	gatnacancg	480
cctcagcacc	ctctatggag	gcacgtcctc	gtncctccatg	ttcctcccac	cgtcctctcat	540
cgaagaggct	gggcttgnaa	angggaccaa	tcaatectct	tccaatgtgt	ggntacgtgn	600
gacttcntcc	gtgggcaaan	ttnttcgcc	agcctgggna	naanttttgn	antccacact	660
tcccataact	tgcttgngga	actnngnggg	cctgcncncc	actttgtggg	tctggcaaca	720
gnttgccaca	ttacccttaa	cngaattnaa	cnngngnaaa	accacacnat	tgcttgaaaa	780
aangggccggg	gaaaaaaccc	ttggccaaaa	caaacaattg	gatggaaaac	caagntnttt	840
ntngggcaat	ctttacttcn	tcaaaaaaat	ncaaatcaat	ncccggttgg	tgtggggggg	900

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aaacntttga aactnanann cnttggttaat tttggccan aattccaanc naaaaaanaaa 960
ccctttcana aaanaacaan cttcanntat cttgttgggg 1000

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<210> 1949
<211> 713
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(713)
<223> n = A,T,C or G

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```

<400> 1949
ccnccgaatcg tnttactctg gaaagtagta gcagcacttc aaggacatag ggggttgctca 60
tgtcannnnnn nnccgnttgt attggaagaa tcataataac aaatatttaa gttggtaaata 120
tactaggtaa acagggttggt ggattttttg ttatttttga gaatactttt tagtttgatt 180
ctttgaatga atttacataa cagcttttct gtcaagtcag taatttcacc catctttaaa 240
aaacaagtac caaaagagtt tcttaacacc atatactcct ctacgagctg ctgcctagtt 300
tcctctctcc acaacagagc tccttaaaag aatgcagttc cattttcttt tttccattct 360
ctcttgaatc cactcctcca gtgatggatg agattgcaaa tgtttgactc tgcctatcgt 420
attactcagt ctgcgcaaca tttctttatt tagcttctgg gataccattc tagcctggat 480
gtagtcctat cgttgtgatt actccagtct tcgatgctgt ttcttcttct tcaccctgac 540
ctcgggatga gataacaaat tgtaataaag taacttctct ttttaaaaaa aaaaannnnn 600
nnnnnaaann nngannnnnn nnnnnntnnn nnnncnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnntnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nncnctcnc ncn 713

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<210> 1950
<211> 700
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(700)
<223> n = A,T,C or G

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```

<400> 1950
ccnccgntcga ntcggcacga ggcttgattg tggcttgaag tttgaaagga agtgccctgtt 60
tgnnnnnnna acaccaattg gactaacagc tgcctctgtg attaaggcca tctttagctt 120
gtcttgcaaa tactttcctt gttcactaat cccttctccc caccctgctt ccttttagacc 180
catgttaatc tattacctgg gagcagctct agattcttga gttggtaatg actaatttct 240
ccgttgctct catcctgttg agtttaatat gctctctttt ttcttactga tgttttcatg 300
atgagatttc taataagtta tttgggagct atcagaatag aaactaataa atattatcta 360
tctattagct gtcagaataa aagcttactg agggctcctga actgtgaggc cactgaaggc 420
aggggttttg gtctgattta tctgtgtttg cctagagctt taacagagcc tgacacttgt 480
aactcttaaa aatatgcttt aaaataaatc taaactcagg catggtggct catgccagtg 540
atcccaacac tttggaaggc tgaggtggga ggaaggcctg ancctaggaa ctcaagggtga 600
gaagtgacta tgattgngtc actgcactcc acctgggtaa cagagtggag accctgctnt 660
tttanaaaaa ananannntn tnaaaaaaaa cccncccn 700

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```

<210> 1951
<211> 710
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 1951  
 ccncgntcgn aancceaaat caaagtgggt atagtaaata tcattgcctt ggttctcacc 60  
 tcannnnncc cgtttcacca ttaagtgtga tatagcttag ttttttataa atacttggga 120  
 gtgaattttt aactgggtca tagaggattg ttggatttca gcaagtagaa atcagtggaa 180  
 attagtcttc cagacacagg gaagagacac tagtagtaaa acaaattggc tcctttggct 240  
 atagattaaa gggagatagt ggaacacaca catttgctat gataaccctg gctcaaagat 300  
 agaagattaa aaaaagtatt gatggggcca aatcatggag ataagacagt tgggaataac 360  
 tcttctttca gcgctaggag gagaatggag ccaacatcaa cagaattaga gaagtcacatca 420  
 agaaaagtta gttatgtgaa ggaatgcctc ttgtggcaat tttttaaaaa ttgcatttta 480  
 tgatttgga ctcacccgctc ttaaaataat tggctcttag aaatgttgta ctgctactta 540  
 gcagaaaatt cagggcaaaa gggtaaatgt gggatcatt tacatgttgg angacattgt 600  
 atganaagtt tgaagaaatg tttgtataa aagataaatt taattctgct tctttggttc 660  
 tnggacaatg ggaaatttgt ttaatatctt tgggncnttc ttttcaccan 710

<210> 1952  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 1952  
 ccncgntcct angtgctata aattcttctg acttgctgtg gctaatttat taatttaaaa 60  
 agtannnnna nnttttctta ggctctcttg aatctagtca ctctagagat agaatacaca 120  
 atcttgctct gatgttttta cttgcaactc acaatcttgt ttggtgggtt agttgcagg 180  
 ttcagagatt agaccgtata tatctaaatg ctgggatcat gcctaatacca caactaaata 240  
 tcaaagcact tctctttggc ctcttttcaa gctgaaggcc tgcctgacca ggggtataag 300  
 atcactgctg atggacttca ggaggtgttt gagaccgatg tctttggcca ttttatcctg 360  
 gtaaagaagc tgtgggctta ataaagctaat atttgggtgtg ataaagttcct gtaaagctct 420  
 gggcacaggg cattattata gttgagcagc cagttaactg atttaatctc atgtttgagt 480  
 tttcttggtat tgcatttgcc ttgttaattg gngaaccatg gaaaaacttc tgggaagctt 540  
 tcctaagtaa ganttttttc tttttaataa aatgganctt aaataagttt tttggaattt 600  
 aacaggaaat taactggcca aaagaataag taccaagaan actttttttg gtnttgcccc 660  
 ctaccccccc angtttttcc ccntaattaa ttaaaccatt ttcncattg ggtatgnatg 720  
 ccattttggc cgaaaatagg atggaaatcc aatttcttgc ttnn 764

<210> 1953  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 1953  
 ccncgntccc ccccgctct cccgggagcg tcgccgccac ctgcacgcgt ctggcacaca 60



```

aacntnnnnn nntccctta gtttctggaa gagaaaaagg aaaagccacc gagaggcctg 120
accctgaggg gtcgggggga gatgcgggcg cgtagtagag ggaagcgact gaggagcggg 180
gactgggcag catttgaatg gatgcgggtg ccgctggcac ccggaagac gcctgggagc 240
cggcgctggg gagccgggca tgggctggga tgtgtttgga ttccaatctg ggcctgacac 300
cagttcagt acctcgggaa gttccccaac cctgcgggccc tgtttctcnc ctctgaagtg 360
gcgacagtaa tagaacgac ctctaggct catcgggagg tcctgatggg agaaccatg 420
caacttgcca ccacagagcc aggcccgcg cgactggctc ctggtgggta ttaaagacga 480
gtcgggaaaag aagagcaggc tcaatcaaac cttcaattgg ccccgaaaga cattttgatt 540
gaaaacctca ttgaaaaact tttgagccan aaaacccaac caactttnaa aacccanna 600
tnccttgacc attcagccac ttgngtgnaa aaaaataaaa atgnttngtt ggttttaacc 660
ttggnnnana nggnntcgn nacnttttna aanantntnn aaaaaaatnt tnnanaana 720
tttttcttct ttttnn 736

```

<210> 1954

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 1954

```

gaagcttanc acctgatgc ctgacaatag aaactatcca aaataaggca cagnnnghaa 60
gtggaaaaaa aggcacaaaag gaaaacagag cacagataat gtgagacaag gtcagatagt 120
ctttatgtat gtgtaattgg agtccccagg agatgtgaga ggaaaaagag ttgaaacaat 180
catagacaaa atatttcac gtttgatgaa aactatatta gttgtgtatt gctacctaac 240
aagttattcc aaaaatttag tggctttaa acacatcca ttatctccca gtttctctgc 300
gtggtcagc tgggccctct ggttcaggga ctcttcacac ggctgcaatc aaggtatcag 360
ctgaggctgc agtgatctca gggcttgact gagggagact gctttcaggc tcaactcgtg 420
ttattggcag gatttagttc cttgtgggtt gttggcctga cggcctcggc ttcttcattg 480
gctgttggcc agaggctgcc cacaattctg gatcacatag gcttctccgt agggcagctc 540
acaacatggc aagctaactt cattagaatg aacaagcaag aagcgccaaa aaaaaaaaaa 600
aaaaaaaaac cccctttaa aanatatagg gngtccctt tncnnaaatc ccncttgaa 660
aanaaccctc tgggggaatt tgggacacc cctnttnn 698

```

<210> 1955

<211> 708

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(708)

<223> n = A,T,C or G

<400> 1955

```

gtagcagcnn nacagcacct tctcaagggt gaaaatccat ggagtttagt tactgttgat 60
ctgatggggc cttttcatatc aagcaacaga agtcatgtat atgctataat catgacagat 120
ttgttcacca aatggattgt gattttgcct ctatgtgatg tttcagcatc agaagtttct 180
aaagctatta tcaatatatt tttcttatat ggacctctc agaaaaataat aatggaccaa 240
agagatgaat tcattcaaca gatcaatatt gaactgtaca gattgtttgg cataaagcaa 300
attgtaattt ctacacacctc tggaaactgtt aacccaacgg aaaggtcacc taacacaant 360
caaagcattt ctctccaaac actgtgctga ccaccaaca attggggatg gatcacctat 420
cagctgggtc atttgccctc aaatggtaac tcacttggga acctacttaa aaaataccac 480

```

```

catatttttc caaaatgggt taagtccgaa aanccttat atggcctgga ganntttaag      540
aatagtcttt caatgaaagt nggaatgggn ggataaataa ccaanntatt ggttttngcc      600
aaaaaatctt taanaaggcc aatttaaaag gaaacctgga taaaantaat ngggaaaaat      660
aannaacaac cttncnctg gggcccaana tgggaanaac aancaant                      708

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```

<210> 1956
<211> 707
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (707)
<223> n = A,T,C or G

```

```

<400> 1956
ccnncgtatc gccctgcana ttcttcttgg acatcattaa tggagattcc actgctgtgg      60
cattaancnn nnccaagact ttaaagccac agagatcata gagccttcca agcaggataa      120
gccactcata gaaaaattag cggagattta tgtcaactcc tccttctaca aagagacaaa      180
agctgaatta catcaacttt ccgggggtag agaagaagct cttcatacat gaatacatca      240
gcggatacta cagagtgtca tcttatttcc ttggaaaact gttatctgat ttattacca      300
tgaggatgtt accaagtatt atatttacct gtatagtgtta cttcatgtta ggattgaagc      360
caaaggcaga tgccttcttc gttatgatgt ttacccttat gatggtggct tattcagcca      420
gttccatggc actggccata gcagcaggtc agagtgtggt ttctgtagca acacttctca      480
tgaccatctg ttttgngttt atgatgattt tttcaggtct ggtggtcaat ctcaacaacca      540
ttgcatcttg gctgcatggc ttcagtactt cagcattcca cgatatggat ttaccggctt      600
tgcagcataa tgaatttttg ggacaaaact tctgcccagg actcaatgca caggaaacaa      660
tccttgtaac tatgcacatg tactggcgaa naatatattg taaacag                      707

```

```

<210> 1957
<211> 697
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (697)
<223> n = A,T,C or G

```

```

<400> 1957
gagaaagtgt tgcaactgaa aatcctttca aacaacagct acaaagaga ttggtcagtt      60
aggacaggaa tagaaagtgg aaacttagaa gactggctac tccttgtgta tgattgctgg      120
ggtgagtctg tgctgagaac tttttacaaa ggggtgtcct tgctgatatg agaggggggt      180
gtcaaaacttt tgagtgatca ctgtgggtcc tcagcttaga catcttctct ggcccaagat      240
ggcacccttt gctctctttc catgggacac agggaccttg ccatccttcc atcttataag      300
ccttctgtca tgatttttac ttcattctag ataaccttaa tttgggccag gtctccaggt      360
tcctccactt tcttctgtcc catccatacc cctcaccaat cctctgtaaa ttccttttcc      420
aggattttac tggagaacca acagaagaaa acaggctggg gaataaacia acatggggga      480
ggttattgta agttaaacat acacttttga nnatccccct agnccatttt ncttgantaa      540
ttataagaaa taaaccnctn ggtaattnac nngggttaat aaagggtccc atggnagaaa      600
agccttttaa ttcctttttt ntgggaaan ccaaagaaaa anccaccctg ccccttcctt      660
taaagtcctt aaangggggg ngaaaacttt tatggggg                              697

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```

<210> 1958
<211> 1101
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1101)

<223> n = A,T,C or G

<400> 1958

ttttgganttt	tggnnggctn	cgtgnaaacn	nttggaiaan	ccccgnnctt	tntggaangg	60
cacatnnngn	aanaattgga	gggnccggna	nncctttttt	attctccgtt	tttacccecc	120
ctgngnccna	aggtanttna	angggaccct	ntttcaagat	cgagccttnn	ctnnttttnc	180
cngaannncc	ccaangagna	ntcangtnng	caananggtt	ntnccacaca	cnnactggtc	240
nngcgngtna	nnngcnnnnc	ancananngn	ccttagcccc	tatccncngn	nnccccctnc	300
tnntncacna	ccgcnnccct	tnnganntcc	cnntcnggcn	gngcacacac	agtgaangg	360
anaactagt	annacagccc	caggtgccct	tacntangan	nagantgaan	attantcnn	420
nntanncaan	aannaannct	ctggganngg	ngctgaaacn	tnanacnca	nccggngtnt	480
nganatngcc	cagaagaang	gnntcccnna	acnngcaacn	acanaaan	aatggangnn	540
cntntcacnc	tantaaatag	gaaaatggcc	tattngctnt	tgggnccccc	tgatcnagna	600
antggnaact	naanccccanc	tctctggaac	ggggaaaaaa	aanctntctc	gtaaaaggga	660
gantccccat	ganacnatnt	ntctgnnaag	cntntctgac	aacntnaggn	gtagattagt	720
acaagacngg	gagatngnct	ctntncatgn	aacancntgg	ggnaanccat	gtncctntcc	780
tnngtgaaacn	anagnngggg	ntagccncta	nntcagnann	ggtcgcnenn	cncaancggg	840
ggctccnaat	gncatgtggg	tnnccgntaa	ngtccggggn	ataatnncta	cactatacnt	900
ngtganatan	tcntcnctag	ntncagcttc	nnntacganc	catnactcaa	aanngccgct	960
ccccntncac	nnctangant	aaganggtat	ncnaganatc	natanntctg	actgggatnc	1020
gnntntcatn	gnatcttntn	agtaggnagg	nnnctatnat	atcngntacn	aatcccnagt	1080
ntctnncann	tatggaganc	g				1101

<210> 1959

<211> 596

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(596)

<223> n = A,T,C or G

<400> 1959

acntattgga	acncttggtc	tttttgcagg	atcccatccg	attcgcattgt	gggtgcacagg	60
tcgggatgga	aatttcagat	ctttgcctat	ntagggaaag	ttcctgtggt	tgtgagttac	120
agacctgcca	ggggagtcct	gcngncngtt	accctgtntt	tgggtggnctg	ctnttccnnn	180
tnnttgnnng	ntggggggcg	tncccccttt	gtgggggnat	gatgtctntt	nagatggetg	240
gctggctaca	ccgtgcacat	ttctgtctaa	gtgccttaag	agaggatcgc	caatccacat	300
gcttttcagg	gaaatctgtg	tgatagagaa	ctgggtacagg	ctttttgtga	cgctcctctc	360
attatgacac	gtggtaaaac	ttgaaccatg	agacagnat	tctgaaggag	tgtntancaa	420
cgaggngcaa	acttgccaac	gacacataat	gtgctgttcc	accccatgnc	agcctgtcaa	480
gatgtgtnaa	ncaacatncn	tgngtgngat	tctgaaaaag	acttacctga	ctttgactgc	540
aacttgctac	cacggtctga	ctgntnnacc	tnnagnntt	tgacatggag	aggggn	596

<210> 1960

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (777)  
 <223> n = A,T,C or G

<400> 1960

nannctnttt	acaaactatt	gttctttttt	caggatccca	tncgattcga	attcggcacg	60
aggtcacttt	actctccatc	cggaccgctt	cctttctcgc	cgcgaggctc	ggggttgggg	120
ggggaccaga	ttggagccgc	gggctaactg	ggatccgtcc	catttccctg	ggcttgacgt	180
tctctgaatt	tttagctaatt	gtggaaagtt	acatttatct	gcatttggtt	atcgcttgct	240
cacataggtc	tgtgtcccgga	agcttggcag	atgagcgaac	ttagccagca	cacccccggc	300
cgtgaagcag	ggaggtgaag	cggggagagc	aacgagcccc	acccgggtct	tgccagctgg	360
acgttcttgt	ggggcagcgt	tgagcagcgg	ttaggagtgc	cgtggacttt	ggattcaaac	420
agccccagct	cttctgcttg	ctagctgggt	gactttgggc	aaattaacat	ctcgaaaatc	480
tgtttcctca	ttcctaaaaat	gcgggtctga	aagtgatcat	gcctgtaaag	ccatctcata	540
tccatggttc	tagaagcatg	gtgagcacct	caatttgaat	aatcagtgcc	atgcttttagc	600
tacctcttga	ctcactcgtt	tgtggcagga	aatgttccca	aattaatcag	aagaattcaa	660
tgactaagag	gatgtaatat	tatatagcgc	aggcactgga	atcaacntct	gctgtgtgat	720
cttggaacaag	ctgcttctgt	tccgtttctc	ttatctgggg	caatacctgt	ctgaann	777

<210> 1961  
 <211> 1016  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1016)  
 <223> n = A,T,C or G

<400> 1961

ggnnnnnnnt	ttttnnnnnn	nnnnccnnt	ttaananntg	gggnaaaaaa	aancccccctt	60
ttttggccca	agaaactttn	cnctgggtt	ttcttttttt	ttgggcccann	ggggnaaacc	120
ccccnatccg	gggantttcc	ggaaaatttn	cggggccnac	cggaggnnaa	acccatggga	180
accttcccac	tggttaagn	cccttgggn	actttttctt	tgggggggcc	tnccaggggc	240
gggaatnccc	ttcccccaac	cctttcaagg	cncttccctg	ggccnttagg	nntngggggg	300
ggnttncnng	gggncttggg	tgggcccacc	caacaaccct	ggggcntaaa	ttttttgggn	360
tttttttttt	ttttngggng	gggagganan	ngggttttgc	nngngttggn	ccnngnttgg	420
nnnnnnnnnt	nntggggttg	ggggggnnnn	aattaaccgg	caggctctca	aagtgtctgg	480
attacanggc	atgagcccct	gcacttgccc	gacattcaat	ttttatgaat	aaaaactaca	540
ttggaaacta	aggnggtatg	gtttaaaatg	tgtcagcatt	tnnagaacga	tttacccttt	600
caaaagggga	gagcagggat	aattttactt	tttttgnttt	aaacaatcta	atactggtag	660
taacttttaa	aaaaatatct	ttaatagatt	ggctactatt	gcaggggtat	tatttgtag	720
nctggctata	ttcattcagt	taatcangga	gctgaaatta	tgagggtac	tatgtggagg	780
gagcagggca	ttttctgac	naaatgcttt	atgggtggaa	tacatttatg	aaagtaagtt	840
aatgggtctt	ctgnccaaaa	tanggnagaa	gttcaaacc	atattttgga	gtctcgcatc	900
aagaaataag	gggatggagn	ggccactggg	gaatataatg	cagaaatggg	cttaaggaaa	960
aaagaagaag	ggggaatgaa	atggttaagtt	tggcctngag	gcttatacac	tatggg	1016

<210> 1962  
 <211> 1259  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1259)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1962

anggggngnn	nnnnncnnnn	nttttttttt	tggnaaaaaa	aaaanccccc	cntttttttt	60
ggggaaaaaa	aaanaaaaaa	ccccncnng	ncccttgng	ggtttttttt	tttgtttnat	120
nngggggaaa	aaggcgcccc	anaatcccn	gcaaattnc	ccccacanat	ttcttcggg	180
gggttttaanc	cnngngnng	gggggggga	aanaaacttt	ngggtgttgn	ggnccttttc	240
aaanaaaaaa	ccnccggggn	gttntttttt	gttngttnnc	cccccccttn	caaaaggggg	300
aacgcncnaa	aanctgngg	ngnggggaaa	aaancncgat	ngngngcgcc	ccccggnttg	360
nttttccccc	aatnanngg	ggcncannaa	aaaccncaan	gcnnnggggn	aaaccntcna	420
cncaattggc	cgngnnaatt	ggtntctggg	nngttnntng	ggggcggnana	acnagngnnt	480
tanttttttt	nnnccaaaaa	aaatttcccc	aanngccaac	ctnccctttg	ggaacnnntn	540
antntnnann	caacttcttt	gggtggaaan	ctttnnanaa	nnggttccgg	ggagggacat	600
ttggggnaaa	tggaatntta	ccagccttgn	aacancattt	tctnnntntg	ggccantctt	660
tcnntnnncc	aaaaccnccc	aatnctnnnc	ganttttnaa	aacctgtgtg	ggcaaatcnn	720
cagtngaaaa	ggaaccntag	gttcgganta	ttaccacctt	caangttttt	aaaatnccca	780
aaatnaaccc	catttccttg	gggggttaaat	taaatcccaa	gggnccagga	atntttttac	840
tttttngcca	accggaant	cnanntant	tcnagccagg	ncttctttta	acttatttaa	900
cccttcccaa	ggncnanggg	angectggnn	ggtggttnt	gggactttnt	ttttnaacna	960
aagggccttg	tngccccccc	tggatngntt	nttattncg	ggaanccang	ggttaattaa	1020
aaancngaaa	ttgatttaaa	aaatggntng	gtctcctttt	gggcttggn	aattgccna	1080
ncaccncaan	ggngggggcc	antttttntt	ggntcaant	tcccttcaag	agaaaaattt	1140
ggacctncca	aaaacnagnc	gttttnaaatt	tttttgcnaa	ngaaacnaaa	aannnccatt	1200
gaangccttt	gggntccta	cnnacnnact	accannntgg	ggaagggttac	ccttttngg	1259

&lt;210&gt; 1963

&lt;211&gt; 1088

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1088)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1963

gngcacgaaa	angganacga	ggggcgngng	nnnagaagga	ggnggggaan	gcngcnngn	60
ggaggggagg	aggnnggggn	gncngangnn	gcnnnnnnnn	ngagntggaa	ccgtaagcna	120
acncgngcnn	ntgnaggagg	ncnccnaacg	cgccccnngn	cggnanggag	gggccaaagcn	180
naaanacnta	ggaaggtttt	tttngtncnc	anaaangaan	ggcngnngna	aagggggggg	240
gtgtatngcc	ccaaancnta	agggagaagg	ccttnaggaa	aggggagaga	ngnngncaat	300
gancaagaaa	ggnnccgcnc	cnanaagccc	gagggannan	agggggggaa	aaaaagantn	360
ngggacaggg	nangacaggg	ggnaaanaa	naaaggngag	gaaaaanncc	nancntgggn	420
ggcnttcnaa	gannggtggn	nacccttang	nctggaaggg	gcctncaan	ttggngngnc	480
ntcccaactg	gnaangcnan	ggnaanncca	cnngtncna	naaanaaccn	ggangngcgg	540
gtggcccnaa	nnnnnnncng	ncagnggaga	gccacaannc	taanngggga	acnaagggaa	600
nanntcggca	ctgtctgtgg	nnggganggn	ggaaantncc	nntgggacag	ngggaggngc	660
cccncaatc	nnaanagggc	nggggnccan	aaaaaaaaag	gtnnggcntn	ggagancaac	720
aaantgggcc	atcaccancc	cngggaaaga	ccccancna	gncnnnggga	aaggcacnaa	780
agnaagggan	ggaatgccct	anggagggcc	cangnangta	cccaaaaact	naggccnggg	840
ggcnaataat	ngagggggag	aaccccccca	nanntcttcc	aagttnnaagn	aaaaaaagaa	900
nnngcnntcn	aantcccaan	ganggggcga	ccagagaaaa	tttggcccna	gancttcacc	960
ggagaaacan	cgggggaaaa	ncggggntgc	gggnanaaag	aagttaaaaa	acnaacaggg	1020
gnngggggcn	cgggggggga	nnacaccata	nantgccggg	ncnanaaggg	gagggcaagg	1080
gcnagggg						1088

<210> 1964  
 <211> 762  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(762)  
 <223> n = A,T,C or G

<400> 1964  
 attctatcct ttaactcttg tctttttgca ggatccctcg attcnattng ggcnnngggat 60  
 gcccgggcct tttggggggc cttttngncc ttttngttan annnnncccg gggggggggg 120  
 nantgnaggg ttcctngggg ggccctntnt cttttctaan ttntnttgaa nnccttgnaa 180  
 angccaaaan tcacagggtt anaaangact tggntgntt tgcggcccag tccacccaac 240  
 ntgcctnttt ttttganaaa cagttgaagc cttaacaaa ctcttgcttg aaggcagaaa 300  
 gtccacntgt ntcccccaa ccatggnnnn cccccattgt tgatgccnnt tgtgacgtta 360  
 ttggagcgcc agcttgatgat ttttgaagga accgacatgt tgggaaaaaa ccnaccagaa 420  
 gctgtgaaaa ttcattgctga accctttggc aacagcgccg attcatggcc gaggcttgca 480  
 gacacttacc ggattgaatg ctgagaggat cctggcaggt tttcaacca natgaagaaa 540  
 tgaattgaaa atctgcaaga attgaattca aaatgcgatt gctattgggg cagcaaangg 600  
 tgccccaagt tcaattcaga cnagangaga tnttgagaaa attcaaccgg gatttttaac 660  
 tggccctttt cccgtnaaat tgggaacctt ncttctgtt aaagcaaggc cagaagcttt 720  
 nantaacttt tccaaaanna aaccttttna naaatntntt tt 762

<210> 1965  
 <211> 714  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(714)  
 <223> n = A,T,C or G

<400> 1965  
 ncnnntcnant cggcgcggtg agtggtgaga ctgccttggg cgggttaccg ggcattgactc 60  
 ttcnnnnncc ccnagaccc ccccttcccc ccgaactcct ccagcccgca gagttctatc 120  
 tccagggtgga cgccttcagc ctgctgcccc cggagcagcc ccggctacgg gtgcttggtt 180  
 ggtaagtgat gcctccgcc aggagccctg ctctgtctgg gtgagcatag cccctctgca 240  
 gctggagggt agaacaagga agcctgaggt agagctggga gggagcatgg gtacgcttgg 300  
 atgggggttg ggtccttggt agctcttccc cagacaccat acccctttca ggaaccccca 360  
 aagaggcatc gtgatggttc tgccttccag tatgagtatg agccaccctg cacgtccctc 420  
 tgtgctcggg tccaagctgc caggcttccct cccagctca tggcctgggc cttgcacttt 480  
 ctgatggatg cacagccagg gtctgagcca actccgatgt gagacgtcac gcaggacaga 540  
 taccgctcca cactctgctt tctttgagtt tttttaataa aaataatctc atcgggccna 600  
 nnaaaaaaatn naaannntt tnatnnnaaa nnnaaanccc tttnaaannt naggggggng 660  
 nttttttcg tcccccccn natntaaaa anncttttg ggggtgtggg nnnn 714

<210> 1966  
 <211> 691  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(691)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1966

gaggctccag	acagctcttc	tgtctttcac	caggctccaaa	caccagcann	nnnctcccat	60
gaaatatccc	ctttattcca	tctcaaatcc	ttacctatca	actccttgcc	cagagaacct	120
ggaataacat	atttacttct	agtctttttc	aatgcatttt	ccccctggga	gagggtgagg	180
ggtggtgtgt	gtgtgtacat	gaaagaaaat	cagacagatt	gaccatcttt	gacggtaact	240
caaagggata	aatagatata	gttaaccgat	aaaaaaacaa	cagggtgaaac	catgatattt	300
catgtcttga	ccagattata	agcactctta	ggataaaagc	aagggtgataa	cccactttgt	360
tcatgggtga	ttgaagtatc	tttcttagtg	gacactccca	tttcaccccc	tctcatcacc	420
tgttctgaaa	tacatgctgg	gaagttgaca	aacaagattc	tggtaatgtg	gagaagacag	480
cggttcaaat	aaaggagaaa	atttctctgt	anttctggga	aaactgaaaa	tattcagtag	540
ataagccaaa	tgttcaattt	catgttgctc	ttatagtatt	aggtattcta	agaaccccat	600
attaatccat	cagaaaattc	aacatcaagt	ttatcaacct	gtttaattaa	tcaaccttat	660
cattcaatgg	nacatcacct	gagatagtaa	a			691

&lt;210&gt; 1967

&lt;211&gt; 972

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(972)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1967

tnnacggnan	tnntnatnnc	annnanntnt	nnnnatnnnn	nnnnnnntan	nnntgtnann	60
mntantntan	ntnnatctnn	ntnatcnntn	nattnnannc	ntntctcac	tatancannn	120
ggnggntnat	ntanntatat	anaaacnnnt	attggggaan	ttntctcttt	atnantcccn	180
nctcnaaant	cnnangaccn	nanntannan	tntgtntaac	aactacatag	gnancnnact	240
nacgngnnnc	aatecntnna	natcangncn	gnncaccac	tgncncttgt	acaacctttg	300
cagtnntncc	cggtatgtgg	tatgtggtct	ccgcnatga	ttgggcnct	ggtcaggctg	360
gnatatncaa	atancacca	ttggnnatnt	gctngacccc	tggaggggna	anccaggaaa	420
ngaaactcac	ggncnnttgt	gatcatatgt	tentncnant	tgggaagact	aatcttggat	480
atgnccaaat	atntccnang	attctctgt	cnaaattatn	cctngggatc	tgacccattt	540
cctgnaaaag	ggcgagcct	gggttttgaa	gttcaaacta	gagttttaat	ncacatnatt	600
tnncnctaat	nccactgtaa	cnnctgngna	cttcatnct	ctgaagcmt	nanntncttn	660
gttgtgnaaa	gcctgctaac	tactcgatna	ntantggnac	atanaangcc	ncnngganga	720
gnnttttnt	ntgagtcagc	tttggnttnn	tgaacancct	tcanttnngc	nattcncctn	780
aaacgtttat	ggcgctnann	antttcatna	aanttatatg	ggccaanncn	cnagtggnt	840
nacaaccttg	taatncncna	atcanttatn	gtgaaggnc	naaaacngnc	ttgantcaaa	900
cttgngggnt	ngnaaacttt	gnaaaaantn	mntntaacct	aactnntgag	taaacccttt	960
tnntnttnat	nn					972

&lt;210&gt; 1968

&lt;211&gt; 685

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(685)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1968

gtggctcgcg	cctgtaatcc	cagcactttg	gtaggctgag	gccaggagtt	tgagaccagc	60
ctgggcaaca	tggtgaaacc	ctgtccttac	aaaaaagtta	aaaattagcc	gggatgtgat	120
accttggtgc	tggtgtccca	gctacgtggg	aagctgcggt	ggaaggattg	cttgagcctg	180
ggagatcgaa	gcttcagtga	accgtaattg	caccactccc	ttccaggctg	gaggacagag	240
caagaccccg	tctctgaaaa	taaaaaagg	cctgctttag	gtggctcaca	cttctaattc	300
caacactttg	ggaggctaag	caagaaaact	gcttgaacgc	angagtccac	gatcagcctg	360
ggcaacatag	tgagacccca	tctccacaaa	aattaaaaaa	tcagnctggc	atgggtggccc	420
acgcctgtat	gaggtgaggt	gggaggattg	actgaanccc	agggangntt	gaggctatat	480
gtgaaccntg	ttcacaccan	ttgcaacttc	canccttggg	caaacaganc	cgaagaacct	540
gtcttgaaaa	caaaaaaaaa	aaagcanttc	cngntgggaa	nggaaattng	cnttcannaa	600
aagnaaaaaga	ccgtcgggga	agaatccana	tgggtttggt	aaaagaaaaa	aatgtggncn	660
nncanngtta	cnnnnaaacc	tangg				685

&lt;210&gt; 1969

&lt;211&gt; 1376

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1376)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1969

acnacnacn	aaatcntcta	anaacttacn	aanatcnttn	aaatcnttac	anaannnant	60
ttatntaant	tctanacat	taacactana	ttacnaaatt	tcnaaaacnc	tctctctata	120
nanaatnatt	ttaanntttt	tanttccaan	nggggggtatt	cnaccatcta	aatntctaan	180
tnantatcat	attcgggggg	ncaaaaaaat	aattatcttn	actaanacac	acctatatnt	240
atanaaatct	ntnacannnc	natnacncnt	anacnntcat	aacnnattct	atatacatat	300
acantancta	atntaatacn	tacattaatn	atnnttncnc	nttacnttca	aanntatttta	360
nnacttttaa	tanncatcat	cantactcac	ncnttctact	cattctanac	natctanncc	420
nncttttaaa	natttattnn	ncttaccatt	ntatataant	ntnttnannn	natntattaa	480
tancatatta	tntnnacaaa	aanaatctct	atttanannt	taaatnattn	gntattanac	540
ttnantcnna	aancncnttt	ttntatttta	anctaacncn	anncncttcn	tatncattna	600
taatatnnat	cnancctctnt	ncacaatata	aatatncttt	tacannntat	tnatatntan	660
nttatnantt	taatcnnnnn	tctntcnttn	tacnancac	nananactnc	attcttaact	720
ntancactat	tatntattat	caatntanan	tnctcanana	tacaatnatn	nttattnaca	780
tanctaanta	aatnataaca	aantcatata	tnttatatct	ncatcttaaa	anccccant	840
actctatata	atncttgtct	ncatntatac	tttantctca	tcnctcataa	tgcaanatct	900
ctatatattn	tntatatata	cntctaccct	actatangct	tacnatatc	ntantatnta	960
ttnttatant	acttaantct	angtacatat	ctctatatac	nncctatnna	tatatactct	1020
catcaattac	tcactcttact	ntatatcnca	tntntataaa	aaactcacat	attacncnct	1080
tcnctatata	atananatat	atcctcgtct	atcatanata	tctattantc	acctttacct	1140
tncatatnan	cctctcatct	ctcncncntn	aacntanac	atcngccata	nttttatant	1200
nnaaaaaacta	aatacactat	tcaaattttat	nattnanact	acttatatac	tattacctac	1260
tntnaacact	ttnnacacct	ctacatntat	ntaaattcaa	tataccctat	acnantatata	1320
acttatcnnc	tcaacttatn	ttntctact	attnttact	tncaaacant	ttttnc	1376

&lt;210&gt; 1970

&lt;211&gt; 618

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature



&lt;222&gt; (1)...(618)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1970

agnnnnnnnaa	tatttgaaaa	gagtaattgg	tttgggaagga	gacaaaatcc	tcaccactag	60
tccatcagat	ttcttttaaaa	gccatagtta	tactatagt	ataaaaacct	gtgctacaca	120
tccattttctc	agcaacggct	cctaggataa	tcaatcatgg	catactgcta	atgccttgat	180
tgacgtgat	atggaggaaa	tatgtttact	cttttgctaa	agtgaagttc	actgcggagg	240
tgccaatggg	tcatgtttgg	ttagaagggtg	acaatctaca	gaattctaca	gattccagggt	300
gctatggacc	tattccatat	ggactaataa	gaggacgaat	cttctttaag	atttggcctc	360
tgagtgattt	tggtttttta	cgtgccagcc	ctaattggcca	cagattttct	gatgattagt	420
aagcattttat	tcttttgact	tgattattgn	ctccttttca	tgtgaattta	ttactcccggt	480
tgaaaccgtg	tacttaccaa	taaactattt	gctnttcena	anaaaannnn	nnnnnnnnnn	540
nnnnnnnaa	nnaaaaaann	nnnnnnnnnn	nnnnnnnggn	nnnnncccc	ccccccccct	600
taaaaaangg	ggggngtn					618

&lt;210&gt; 1971

&lt;211&gt; 796

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1971

ntgttcgaat	tctgnacnaa	gaattcaagn	cagcacgtat	gtagcagatg	atganntcta	60
anctggatga	tacntaatga	ngtcagattt	gnaatctaac	ttngnggctg	tgnttaggggt	120
gcaaggagna	cttccangac	ctatactcna	ggcgccctgg	gtnnantaan	gnaaacnnnc	180
tncntaaggn	tgccccccac	gtggggagggt	ggagttncng	aattattctg	tgcgctaccg	240
gccgggccta	gacctgtgct	gagagactga	gtctgcatgt	gcaccgggtg	caanaanggg	300
gnngatcggt	gcncacntg	gnctgcaag	tcttccatga	cccttttgct	tggtccgcat	360
cctggaggcg	gcaaaagggt	gaaatccgca	ttgatggcct	caatgtggca	gacattcggt	420
cctccattga	cctgcgctcc	tcantgacc	attcatcccg	caggaccccc	atccntgttt	480
ctcgggggga	ccccttgccg	ccattgaaac	cttggaaccc	cttttggcag	cnttcttcag	540
aagggaagga	acanttttgg	gtgggggctt	tttggganen	tnntcccc	accctngcca	600
ccaaccgttt	ttgttgaang	ccttccccaa	acccgggca	aaggccctg	gggatncttt	660
tcccaaatg	gccttcaaaa	aaangggccc	gggggggaag	naaatncttt	caaaccgttn	720
gggggnccca	aaaaaggcca	ancnttccgt	gggtggcct	tgggccccc	anacccttt	780
gttttcccca	aaanaa					796

&lt;210&gt; 1972

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(681)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1972

ttatcgaata	agacacgagg	gaggatgttg	ncannnncta	ntcgggaggc	tgacgcagga	60
gaatcgcttg	aacctgggag	gcagagggtg	cagtgaagctg	agaccatgcc	actgtactcc	120
agcctgggca	atagagcgag	attctgtctc	caaaaaaac	aaaaaacaac	aacaaaactt	180

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gctaccaccc agggattttc tgctatttaa aagggtgaatt tcttttctgg tactaaactg      240
tagctgctta acttagtaaa ggctgtgttt ggccaggcct gtgccagagg ctcacctgga      300
gtgctccacc cactggcagg caagtcctat tcctattcac ccaggatccc caaggctggg      360
ctgggatata aatgttggga taggaaagaa atatttcctt tttagaggaa agcaagaaga      420
aacattgcct gaaagggtgat tttctagtca tttccaatta gtacagaaat gttactgcct      480
ctgggtgcag tggttcacgc ctgtaatccc agcactgtgg gcggatcact tgagcccagg      540
agttttgaga accaacctgg gccaaatgg cgagacccca tctttcaaaa aaaattttaa      600
aattacctgg ggcattgggg gcacacacct ttattctcaa cttcttcagg tggctgaggt      660
gggaaggatn cttttgaccc t

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681

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<210> 1973
<211> 666
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(666)
<223> n = A,T,C or G

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<400> 1973
tttcattcgc acgaggcaga ctccgggttaa aagcgcttaa tgcaacattc agagtgaaaa      60
acccagacaa gagatttact gaccttaagc actatagtga tgaactgcag tctgtcatct      120
cacatcttct tcgagtcaga gctagagtag cagatcgact ctatggtgta tataaagtac      180
atgggaatta tggtcgagtt ttcagtgaat ggagtgccat agaaaaagaa atgggtgatg      240
gactgcagag tgctggcat catatggatg tgtatgcac ttctattgat gatattttgg      300
aagatgaaga acattatgca gatcagttaa aagagtatct tttttatgca gaagcattgc      360
gggctgtgtg caggaaacat gaacttatgc agtatgactt ggagatggct gctcaggact      420
tagcatccaa gaacagcagt gtgaggaact ggtaactggg actgtgagaa cattctcttt      480
gaagggaatg actaccaagc tctttggtca agaaactcca gagcagagag aaccagaata      540
aagggtgctag aagaacaaat aaatgaagga gaacaacagc taaagtctaa aaatctggaan      600
gcagagaatt tgtgaaaaac gcatgggctg atattgaacg cttcaaagaa caaaagaacc      660
cgagac

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666

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<210> 1974
<211> 671
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(671)
<223> n = A,T,C or G

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<400> 1974
tttcgatncc cagcagggttc tcccttatct gatgtcact gtggccttgg gcagcctggc      60
atcgagaatt ctgagcatgt tcactcttga gttctgtgcc tgcacacac agcaatggaa      120
cagtcccaaa agattcttaa ggggtggggaa aggcactaag aaaagatgaa cctgcagtcc      180
ctgttatacc atctggtcta attgatacta ctgttgtaa gcaaaaggag ctctctccct      240
gaggcactgg aagccaatat tttgacacca gggttttgag aaagaaaagt tttttattgt      300
aagttgactc acaagatgag tcaagctcaa atctgtctcc ctgtgctggt ttttaaggcag      360
taatttaatt ataaaacgtt taggaggtgg attctggggg tctcagggtga taggtagaag      420
gaaaggagag gtctggaaag tcttcaggca tgcacagttc tcttcattgc tcctcatgca      480
tcatgcgcac atttagtggg agtttgaaac atgggtagga aattcangct gtgacatcag      540
catgcttggg ctgtgcaaac tccatttggc catattggtt tcaaccaatt ttggccagtt      600
ttgtagangg agttttgagc atttcaagaa agttatttct tatctgctgg tctgnaaatc      660

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660

ataatctttg n

671

<210> 1975  
 <211> 668  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(668)  
 <223> n = A,T,C or G

<400> 1975  
 ntncgaatcg nacgaggtat taaataagat gtcttttaaac agaaacacac atatatgtat 60  
 tgattgatta atgaggtctt caggaacctg actctgtgtt tcccctagga gcagtgtttc 120  
 agtattcact aatcgagtgt tcatgggtgac tttatagaac cactgcaaatt agtgagaatt 180  
 aactatacat atatgtttct gtgtgtacgc acatgtgtgt gtatgcatac ttgtctctaa 240  
 acatatggga ttatactctg ctgctgtttt gctctttatg tcattatgta tactatataa 300  
 gtatatTTTT acattataat atgtgctata tattaataaa tttttttaa tgtattaata 360  
 tctgctctta ctgagagagt ttccagcctg ctgaatagtc agttttacag tactagctaa 420  
 accttctttt cttttttttt tgagatggag tctcactctg tnttccaggc tggagtgcag 480  
 tgggtgtgat ttggctcact gcagcctccg cctcccgagt tcaaacaatt ctectgcctc 540  
 agcctcccta cagctgggat nacaggcgcg tgccaccacg cccagctaatt ttttgnactt 600  
 ttagtaaaan atggngtttc accatgttgg ccaggctgnt cttgaactcc tgaccttggg 660  
 ganccanc 668

<210> 1976  
 <211> 834  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(834)  
 <223> n = A,T,C or G

<400> 1976  
 ccctnnnctg nnntnnctta tcgctaaant ggtngntctn ttnaccnctn tgnnaatnag 60  
 ncntttctnt tcnctnnctn ccntctnctn natatnnatg nctgtcgtgt cttnataant 120  
 atnttataat acnnaanntt gntcgttgn ctcttgacca tgacttccct gcncgttcag 180  
 ctntntnctn tngtgaaatg ggaanagacg ctncnacaa gtcaataana gangctatgg 240  
 tgaaatgtaa aaattcacia ttctactttg tttcactgag ngcccaatca acgattcata 300  
 cagttgagat gaatgtgaca aaactcttta tagataaata tatatgccta agtttatcta 360  
 tatatatatg tctttgtgtg tatatacata cacagatata tgcaaagaca taaataatct 420  
 tccttaciaa acatcaatag atcattttca caggggaataa gagagtacac acatagcctc 480  
 ctatgttggc tctgagacat ctaaaaagca agacagagag cattaatctt ccattcaaaa 540  
 atatatccct atagaaaact ttttgagta tattgtctct tggttcaata tatagcctag 600  
 tcaaaaactta tttatatgtg ctattaaaat ggcaaagggt ttttggtttt ttttcccttc 660  
 cctacaaatc gagttgacat tttatcagca tatcaaaagc ctgtttaagg ttaatattn 720  
 gnctaaagca nttaaattaa aaaaagcagc ccaaacccat ggagacttaa agatttncaa 780  
 tgnntttanc ctcttggatt nagcacatnc natagaggga cttgttgggc tttg 834

<210> 1977  
 <211> 1366  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1366)  
 <223> n = A,T,C or G

<400> 1977

atttactgat	tttcggaaaa	atthttcccg	tttngggcct	tggtnacnga	acntttggnt	60
ctntgggccc	aaanattaag	ccccccaat	tnctttttgc	ggcgcnactt	tgcttggcna	120
cctntgnna	agagnncncg	gaaancgaat	nttcacatca	agagntatat	tatnnntnaa	180
anntntaatc	tatnngttat	annntatgat	ataaatgggg	gggggggtgat	atthtttnaa	240
gatgnagtgn	tcataannata	ctgctctatg	agtttnntaa	tatatatcga	tannaanata	300
tntgatgnta	tataaangcn	atnntnnact	anaaanatac	nanacmntng	tnanantatt	360
tgtantagcg	aanttnatga	nttagttnac	ngncgnatth	ntncatatnt	cgnctnatat	420
naannacata	natntcatnt	naacattcgt	tactatgatn	gtatatatnn	ttgtaagact	480
natntanntg	anannntncc	nantctnta	gtttgtgata	nattnantnt	anngatctan	540
ntcgthttnt	tatacatagn	nanacnancg	tgaangacna	nnntannnta	cgantacnnt	600
aattatatna	ntatcngatn	tatcnttgac	ntnnnnatat	acncnatcga	acanagtatn	660
nagtatatat	ctcaannntt	annattntan	gacagtgtaa	ccgctntnac	aactntaacn	720
ctngtacatn	atntntttaa	atcttngntg	gtntntnana	actntctnat	annntacgca	780
ncatactgag	tntatgtgta	atntantnta	cttntctngta	natgataana	tagtatnacc	840
annnanaatc	ttncanatta	atctctcnat	gtngatanac	gcntatactc	ggnttgccgcg	900
tatnnataac	nactacttat	aacgcnnaca	ttatatattc	gaanntcnen	nananataan	960
tancannctc	gtntcncnt	naantanatt	ngnnatnnnc	aatacanann	nggagncnna	1020
nnaattatga	cnaannntnn	nncnagtngt	aatagtcnat	actnctnta	atnntacnnc	1080
aacnncgatt	attnaacnta	nngttanttn	atacanmnaa	aaaaanntcc	ntaanctana	1140
anagnnnaaa	anctgnnnnc	gaatatnnan	nnatnannna	nnaannntnt	gntaanaant	1200
nnatataant	tnactnatan	nnnannaana	tnganatnaa	atgacnctg	annnaattga	1260
tagtcatata	tctanannnt	gtantgaatn	aantgtaata	cnngnatgat	nnggcnaana	1320
ctnnantann	annnnanagc	ngagananat	ncngnataan	tnccng		1366

<210> 1978  
 <211> 1369  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1369)  
 <223> n = A,T,C or G

<400> 1978

ncgagganat	attncggccc	gnggtccgag	gcccgatggt	gggggnnttg	ggnggtcctt	60
nttggnttgg	gngaattggn	cccggnggac	accctccnca	tcncccaat	taaccggant	120
nnccccaat	cttaccaatt	gggnggaaaa	gacccccccc	aannggantt	cnactnaaaa	180
aaatatcgct	antgctcagn	caaateccact	gnnnananag	atnaagcgng	nataaanatca	240
cctcatttct	gngggggggg	nnenctatnt	agtgtgaaaa	cacatnnctt	cncatcagta	300
cccactcanc	antanancan	tgtngacaan	caagacgtcg	aantnatann	gtnaaaaanaa	360
atcnaaanaa	aantaaaaaac	cnaanctcac	cmnnanantg	gtaanaatct	atnatatacc	420
atnctcntnn	tattatatna	tntannnatc	tannaanac	naccctana	ntannctgan	480
ntatnaaaat	nnnaatatnc	aattanangg	naaangcatt	anattnaata	tcncannata	540
nanaatnata	acnnngctaa	aaatctatcn	gacannatgt	ctanaatctn	attannctta	600
aaactagntc	ncatnntaca	tnntctcant	ntgtactata	nganatnata	gtnannatna	660
canccttnat	acancaaata	nantatctaa	ntaanatanac	caataataan	nantntncan	720
natgcncaaa	tatacgnnca	gagnacatct	tanantnctt	atccattntt	canatcanac	780
ananaccnta	tcnactatcn	ncannctcta	naccacacat	antacgtcta	taaacacnat	840
nnccacantnt	attcaanac	nctgtnnnan	atthtatnnac	anacntnttt	tcataatacnc	900

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taatngaata nancanaaat ntaatgtaat ntatatnaac aaacagancn cgtanagatc      960
ncactacttt cagtgnttta aagcttnnat atannatcag ataaatacgc tcatcactat      1020
aataatnaaa naaaatatca cncacgtnta tancaataaa cttnnnnatt caaaatatcg      1080
nacgcnnttc ttctctatta tatnnaaanc atancatnta ntananacta tatntancaa      1140
tantcatana ntntnatann gatanatata gcaatacatg tnaacnagca natcgngnaa      1200
tatnncaaca ntncaatata taatatattn caatcnatna gtnaacnant attnaacgca      1260
annaanatag aantaancna ntaacgatnc aanaanngtg tattnataaa aattnctata      1320
tataaacnta gnnnccttan natgctnct nntacactac catcnnacg      1369

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<210> 1979
<211> 1382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1382)
<223> n = A,T,C or G

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<400> 1979
nttnmttgc tcccctaaat cccattcccc acccttggtt aaggnaaatc nntcatttt      60
tcatnctttt tccccaggtt ctttnagatg tgccacaaat cacnccacnt ntggntctnt      120
acttaatcgn gaaaaactat ctctctgtca aacgtntatn cccggggngg ggcggnnatn      180
ttttccacna catnacatnt actatgnana tcancgctc anannnccac gtntcaanat      240
gcnetgtaac tnngetctnn cgcnetancn ncacnccctn ncacnatcgn cacategcca      300
ctcgaanctc tagncncccc ctncnctnc gcannntnnc gtccnecgntc nnnnancggn      360
nnccctcnca ttcgngcgan antcttnccc cnccttttct ccgtatnacn gccnecgtcg      420
annagnance gtncnecgnt gacctnannn tctccangca gntccnccnnc nntntggcnn      480
tgtcccnnnn cgancnngnn tegnnatcnt anntcattnc nccccntage tnnncnecgc      540
ttcgtgnnnn nnnecgtncn nntcnattnn cnatnacncc ntncnncntc nttatncntn      600
tncatgcctc acnecgtncn nctncnctnt cntcgtnatc acnecgtncac tcnngannct      660
cacgcnaact cggngctnan accagcggnn ncgttncnna tacgatnct cctccntnac      720
natcatccnc ncccccttcg cgtngcaacg tnccgncatc ttncacngnn ctcanntcat      780
gcgtctnnan anaetnccg cnnntcccc cctctctnnc ntcatctctc annaatgcgc      840
nntgcctctc ncnccnctcc tctgatcgcc acagtctnan nnttcngant ntegtncntn      900
tatncnattg cgtcgcatc nnnncanagt cgcncacact ncgcacnact ncnctctnct      960
ntccacngcn gctncanatn cncnccntnn anctgctnnn ntcttatcnt acnnnecgca      1020
ctccatcnca cncgttcgtc acgtctncaa tctannccct cncnccntcc nacncacacc      1080
ncgtctcngn ntncntcac ncngcaactn cacnncngcn nnatcacgcn cnatcgccat      1140
ntccgtanac anccnctcn cangnttncg tctctnctc ctncgcngg ntaccnctat      1200
ncnncatacn ntnaactnct ntncaccan ncannccnc gntctctng cnatcanct      1260
nctntgtgcn ccgnnncn tccnccnctn ntcattncan ncctacctg ccgnanttcg      1320
gcaaatnttt cnnntncacc aaantgctcg catcgacnnc gcancacca cngcnntatc      1380
cg

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<210> 1980
<211> 1431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1431)
<223> n = A,T,C or G

<400> 1980

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nnntnccnan gcacanaaac tnnactcaa cantancntc tactcataat antntacnng 60
ntantaanac nccctcatna nannatttan antnttcant cnatatntgc aantcatatc 120
ttataanata cncaaaaagt tnaancangg ggagaanagc tcanaagccc ccttcantna 180
tnataatatg cnnatanctt tnaccaanta tatatnnctc tanancaact cnnntntcnn 240
ataagggggg nnttntaaaa ctnccttgnt cgcannccca tgacctnntt atcnnttngn 300
cnacnancct ataanactct aaaactcanc ntncnatan nnttntata natncatnnn 360
atatanntat ctanctncga tatctngncn tncagtnnat ctaaaanatat ctencacanc 420
nnctaccnag tannatannt annntacat aacgnntntc tatctacctt cntatnganc 480
ncanatatat cctaantatg ctantatcac nantannata canacancga aatcgntact 540
cctctcactn actacanata tatacngctc atcatcntan cctttatacn ataanaacnt 600
ntatancana cgnanancac acacacntaa cacacancn nttntacnna tcncncnaa 660
tatnntgtnc ncttgtcact acncgtanan tcatntanac tcnntacngn tcacngnta 720
ananatatat cnnnnncn cactcnacan atanntattn tncgaatnca ctctcnacac 780
aacacacatc acngctcata tattnacant atcactncat atattacact anaacactat 840
tcacatctcn aatncncnna aatancngac ntcatntnnn cnaactacnc tacactntan 900
tntatnttct nagtactaca cacaacnnag nncaccactn atacacatcn cncngttcat 960
gaaatatanc gatanatatc anagataaca tnactnannt cennatatatc tgnnnantca 1020
aatnatat ntccaaacgn cncntntaa nttntnacan gactnctctn tattntatat 1080
tantatncat ccccnactct antaactaca ntctacgacn actannatc cntnntnct 1140
atnnattnct atcncnnct canaanatat nagnctatna tatcncnct nacattactt 1200
tctacttcan ntatccatct aanactacta tatactannt tctttacttc nncnnncatn 1260
cntncnactt anaacnnctt cataatactg tatcattanc cacagnnaan tnatctcnat 1320
gattncntcn atctntatat ttannagtnt annnnattta nncnnncan ctgcancgac 1380
ctaattatnn ttcnacttta attnctagan ataactctgt acatcnantc g 1431

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&lt;210&gt; 1981

&lt;211&gt; 692

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(692)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1981

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tttcaattcg gacgagccna natggtgaca ctgcactcca gcctggctga tagagcgaga 60
ctccatctat aaaaagtaaa aaagaaagtc ttcagtgaag ggagattcgc cctatcagct 120
atgaaagcac agaggggagg aacatggagt aggggctgcc tgcagtcaga tctgcccctc 180
acaaccttgc cagggaaaca ggctcgtggg tacaaaagggt gtgtgcctca acttccctcat 240
ggaagcacgt gagattattn tataaccata gagtggagac agtcagtatg accaccaaac 300
ccaggagcca tatattaaaa tactgataaa tttaactata taaaaaaatt ttacagggtg 360
tgcaccacta tgcccggcta atttttgtat ttttgaaga aacgtgggtt tactatattg 420
gccaggctgg tctcgaactc ccgacctcaa gtgatccgcc caccttggcc tcccaaagtg 480
ctggcattgc aggtgagcc acggtgccca gcctgaacac cctttcctgg taaaacactc 540
caaaaccagg aaaagaagga atgtacagca acaaaataaa nggcccagtc tgcaanggnc 600
ccatggnttg aaaagtcttt caagtcattt taaggtggaa aaganttgaa aatcttttgn 660
cttccaagaa tcaaggaaat aangaaaaan gg 692

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&lt;210&gt; 1982

&lt;211&gt; 1397

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1397)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1982

agagcttttt	tcggaataac	tnccgggnng	gncgggaagg	ggactannaa	gggcentccg	60
gtannttaag	ggaaccgncn	cagggttttc	cctttgggaa	tngggggnaa	gnccctnggt	120
taaaaaaggn	ccccaccccc	caaccnaaaa	acaccaannt	ttctttaaac	cccnccaatn	180
tntntacctt	tgtttatctn	gggananacc	ttnnccangng	gggnggggac	tttggtttnt	240
ctttatagtn	acgngnnant	cccancatnn	cncaatnttt	ttnttttann	ctctcatnan	300
cgtcangnat	nnncananta	tatctgtgnc	ntaagnnnca	tatnncgcnn	tnangnagta	360
tnntanaggc	tgnnncata	gttgtnctn	gnntcgntta	agtcttntna	tcgtctcaga	420
ccantagntn	tntcatattn	nngtntannn	ntgacnntnc	ttnaanatnc	agnctcnttn	480
tttgngtann	ctttcngnan	tttgntantna	tctatntggg	gacnncgaa	ataacttgta	540
tntatagcat	atcgtaaaac	tttattnaan	ctnttnntta	antannanct	ntnnanttaa	600
anctgtntac	nnnttaatng	tnnttnnaca	ngaannnnca	ttanttgnaa	tcgcttgtnn	660
tnanccnatg	tntnnncntt	antttntttc	taccttttct	natttctnact	ctntnnactn	720
ttgntgtttc	atatacnanc	natgtgcnan	atctantgat	ctntnccgan	tattntntan	780
tagnntaang	nnncttgtn	ttaatncatc	tntcactntt	atnnntgnnt	atcnancnng	840
ttntacntnt	cnntgtntac	nctgacnata	nngtcaanac	atctcnnttn	cgagcanatn	900
cggagtngtn	ctacnncnnn	ngnatatcnc	tatcatcnnn	cacgnncact	atngatanat	960
nctgatatat	cngcnagcaa	tcanaacatac	ncgtagatct	cttgattnna	nnccngacaga	1020
gtctgtgant	cnnantgcnn	acnctttnnn	tnatnttant	cacacgnntg	cactnactat	1080
ntgntnatnt	ntnaatntta	catcgncnnn	tncatttntc	cgntacnaat	atactcncng	1140
tcntncaaaa	ttctcacgag	ttangattgc	acnctatctc	tannncgtnn	ncgtctcagn	1200
ntacngatc	tttnangant	cntannnttn	cagtnttntc	cncgaanact	tnngntntc	1260
tatananact	nccnnnancn	atctngatct	ntctttatat	anacatntta	cacgtatgtg	1320
aannntctga	atatatntca	ttnnctcnen	ntaaccgaca	tnncatnttt	ntatantcac	1380
agaattannn	aatagcc					1397

&lt;210&gt; 1983

&lt;211&gt; 678

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (678)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1983

cnncngtaga	cgtnntnttt	ttnttttttt	tgcccttntt	tttttttttt	tttttttttt	60
ttttttaaaa	aaaannnnng	nnnttttttt	tnnncccnnc	cccnccccc	ccnaatnngg	120
gggggggggn	gnntntnaaa	ncnntctntn	ccccncanna	anaaaaaaan	nnnatTTTTT	180
ttctccnnnn	tttncgnnnn	cnnttnncnn	tnnaaaanaa	nnnnnnnnnn	cccccccccn	240
nnggggnntt	tttnggggnn	tnaaaaaaan	tnnncccnnt	tttngggggg	nncccnnnnn	300
nggggggggg	nnccnaaaant	tttttttttn	naaaaaaana	aanttttncc	cccccccnng	360
tttttttnnn	nccnnttttn	cnnaaaaaan	ggggggggna	aaaaaaaann	nnntnttttt	420
tttnnnnnnt	naaanannna	annnncccn	ccnntttttt	tttttttttt	ttccccccag	480
ngnnaaaaaa	aaaaagnngn	cccccnctnn	ccccctnngg	ggggggggaa	aancnctnc	540
nnnttttttt	tttnacnctn	tggggggnnn	ttttttgnnc	ccccaaaggn	nggggggtgn	600
tnnttggnng	ggnaaaaaan	cccntgnggg	ggcncnaana	aaaaaaangg	gggttttttc	660
ntcccccccc	cccccccc					678

&lt;210&gt; 1984

&lt;211&gt; 970

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (970)

<223> n = A,T,C or G

<400> 1984

ataticgcaat tncaggtcta ttgatttgct acatgcttaa aatgatagag gttgctcage	60
atttttggag tacaaggggg tcagcagaga catgtgatga gggnttacnn gtnatnataa	120
cccacacnnt nacanngtgt ccangctatt taaatgacna anacttcnat tcaacnnan	180
tnctatgggt cnggtttggc ancatngctt gnnnnatgan aanatgntcc nctccgctta	240
tnatcnctn nctaattnc gaaaggactt aatatctcan tatccctanc tnttggtacc	300
cnntcngnaa ntncattntn cccatacnat ttgtncant tcnantccn tantnnccnc	360
agctnaacca cnnaancnta ntantttct annngcnnn aaaacttcat aannanttgn	420
antcanaccn cncntttcnc taantcctna nctggggtcc tnnnnaccgc ctcatctanc	480
nncccgatatt accntttatn cncctctatan ctccgtcaac anaattctcn ntctnnnnna	540
aactaacncc tcatcanncc cccnactaca atncacntcc acnttctact ctccnttgac	600
atctactanc acctctnnnt centnatctt attctaaatt nccccanaaa nncgcgatac	660
ancctntncc nnanttcenn centnnccgc nctnctanaa aannnatatn tctntctann	720
ntnnnctaac atttctttnt tcnatntnaa acncnnanac tactnnaang nccancctca	780
cnntatnccc attactnccc ttctcatann natncccncc ctatancnca nacttanctt	840
taccccnctc tttaattntn tntnaagntn atcttnanta tantnccnagg cctatcgctt	900
acanaacttnc ttatatnaccn anccattccc naaattntnt cnattcaata centcnctan	960
centntaccg	970

<210> 1985

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (685)

<223> n = A,T,C or G

<400> 1985

nnrtgaaaat ccggcacgag gggttnnngan atgtncacnc cnttactgan aaancatacc	60
tgacngcaga ataaaccac atctactaag aggcctccat ggtttttact gctatcactt	120
tgattactcc aataatgaaa ctattgaatc tgttttcttag aagccaagggt aagaaagcag	180
agaatagtct gccattgaac tgatagcatc tgttttataa ttatctgggtg acttttctag	240
agaagatgta taaaggctgt gttgtttcat gtacaccaca cttgaatgat tgcttcttga	300
gttggtattgt actccagtta tctatttctg tgtaacagtt cacctcagaa ctccgtggct	360
taagatgcct gttatgggta agatggagca aacacatttc acctgtcttt tctactgaac	420
tcagctaaaa cactggcct agagcaacta tttagaggact ccaaaagacg tatcttaaaa	480
gttgactaa gaaggagcag attttgaggt actggtgaac cagggtttaa tttatcttc	540
tcacctctct catatctctca ggcttcaaat caacacagcc taaaaccctt aagtgaggaca	600
ttaatggggg gataaagaag aactctanga aaanccttca agttctgggt caaaagaatg	660
ggaaaggcga aattgnnaat actna	685

<210> 1986

<211> 645

<212> DNA

<213> Homo sapiens

<220>



<221> misc\_feature  
 <222> (1)...(645)  
 <223> n = A,T,C or G

<400> 1986  
 gatcccgaag ncccaagtga tccaaaatca aatatttgta aaagagtaat tggtttggaa 60  
 ggagacaaaa ncnnnaccac tnntgacatc tcatcgcccg gagtnggtac agctactggg 120  
 cctggcagat gtgttcacag tggaggagaa ggctggccgc atccatgcag tagaccatat 180  
 ggagatctgc cattccaaca tgctgcgttg gaaccagacc caccctacga ttgctatcct 240  
 tcccacaagc cgaaaaatcc acagctccca ccctgatatc cacgtcatcc cttactctga 300  
 ccattcctct tactccgagc ttcgtgcctt tgctgcagca ctgaagcctt gccagggtgt 360  
 gccatttgta agtcggcggc cctgtggagg ctttcaggac agtctgagcc ccaggatctc 420  
 cgtgcccctg attncggact ctgtacagca atacatgagt tctttctcta naaaaccaag 480  
 ccttctctgg ctgttanaaa ggangctaaa gaaggccgaa aaccaangn ggtggggttg 540  
 gaatnccctg angaaaggct gatcaatctc aaaagaaggg ggactattgt tgacngnccc 600  
 actgggaatt tcagtgcact taanggctac agatgaagag tttat 645

<210> 1987  
 <211> 1215  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1215)  
 <223> n = A,T,C or G

<400> 1987  
 atttcgaatc gcaannntg gnacnaaaan gannttaatc tttcttcaan cnancgttcc 60  
 ctgtgggaca agggatngna acnatntatg gcanatntng agagancaag cannatncaa 120  
 nanntntgta ttcnatnann tntaatatac acanaanaa nnantanana tnnntaanac 180  
 ataaatcngg ggggggggaa acattttttt tntcananta naactcatan cnetattngn 240  
 cgccatccat antntcgnnt ccaacgtctn attaantata ntganntana atctataana 300  
 atatatcnat tagcatccac acatatataa anatctacat ctatattaaa agaattagac 360  
 nanttcaata tacatacacn tatatnatnt annancatgt aatntatcan acnaaagaan 420  
 taccatcggt atatncacan acanatatnt aactnctnta tnnanantaa nactnccnnn 480  
 tnnaaataa ntatcatnnn tactatnann ncnancatca tannnctnta tatganntnt 540  
 nnaanaanta nnnnattnnc aaatcantca ntaattaata nataattgna canacnaatn 600  
 tttantanat caatataata cnnatactaa nntcannntc aaganannan nantaaacag 660  
 aacnncctat atatanatcn anaaanatct antcgcannt naatcacent atatcatatc 720  
 tatncatata acncttaacg tgnntcntcn naacatnccan atctnttcan accacatcac 780  
 ngacaacacn tcagacatat ggatctctta tcanacnntn aanacancta cnatcactcg 840  
 atnataccac atntatanac nantnnatgn ataaacacnc tanatacnna aatcncacat 900  
 acatntttan atagannnac agtnntannn ataacacaca ttaataattt attacnaatt 960  
 acacagagan acntntcaca tancatanaa atctnaaaaa cncanntana natcatatat 1020  
 atcacaacac acaccnatan catnnntana tacccttact cannctatac natatannat 1080  
 nanananata actcataata antnnotcat ctanncaaan cttaatctca ctatgtatca 1140  
 anacnccctt tatagantac caacatatcc acacatantc acnnttanac tctctgntng 1200  
 anacgtttt atanc 1215

<210> 1988  
 <211> 1162  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1162)  
 <223> n = A,T,C or G

<400> 1988

nttcaancgc	anngannngc	tgtaatccct	cngtgtgata	cagccaattg	taaaagactg	60
caaagaggct	gacttatect	tgtataatgg	aaccnngggg	ncgtntnag	gatgatccnc	120
cccnccctt	ncnncnctnt	cttcttnngn	canaatccctn	ccaggaaga	tatctttccn	180
tggttaacca	ntcttcaaat	tannangng	cancnnncnn	tatnaccnct	ttagcggcca	240
tctnctcent	atcnacctc	nnnncntctt	ngaantnntc	ctnanctcnc	ctctnctna	300
cattcntgnc	gtanngtnt	tngncnnaat	ancncttat	ntntccacn	tccnanantn	360
ggntcgnna	tncnctacnc	caatntntac	aatctgttct	gncctattct	acaancttgn	420
ttctctcaac	nanatctaca	acagtnctt	nggtgncatc	naccnnccnt	cntcaacact	480
tatacatcen	tcanacntct	ntannntact	ctcnntctnt	ctgncatnct	gtatcncntc	540
tcttctnctg	ntcanatcen	cnnnttcnna	tntctctgt	actctctcnc	ccctctctg	600
tantgcgtat	cacntctacg	tanttegtca	tacntctccc	actcncacac	atcgntctnt	660
tcnccacaca	tacnancan	gtcncccata	ngcncgcact	ctacatgcgc	ntcncctcta	720
ctntctnnac	tcgncatct	ctnnctcatc	gcncctccana	tctcttata	ncncgcgann	780
nnntnngcan	ctttctcggn	ancactant	actcngagct	cttncnctc	tntangetan	840
tcactngccn	nnantcncct	tcgncacat	ctcnnatctc	acaccgncnc	tatnctgcct	900
gctcacgact	ctnancana	ctnacacttc	catttgtntct	ctcnatnate	cctnccgnc	960
cngncncacc	tanattcnac	aancantgnc	nettncnatt	tgactatcc	tattctatcn	1020
ntntanctnn	antcccnnc	catcctnnn	atctctccgn	nttancnnc	tcttnnanc	1080
tcatnggntc	ccgenttct	ctntcactan	cttantnnct	cgtagacgct	cctacgcnat	1140
nnntatctnc	ntnttttten	nc				1162

<210> 1989  
 <211> 1125  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1125)  
 <223> n = A,T,C or G

<400> 1989

nncttgaant	cgccggggag	gcaatactcc	anttngnccc	ccgnnnngng	acatcattaa	60
ataaaaagac	acaanatcaa	aancatattct	cccantatnn	naantnnct	ctannaatnn	120
ggggggngtn	tntttaaana	antaccaant	ntctccaan	ntctccaana	ngtaataaaa	180
cannatata	ctntctntanc	ctntaagaaa	tcccacanca	nacgacantn	ttntnccnan	240
tatnnnttnc	gttantnenn	ntnncagtan	ttcaaannat	tcatafnaca	atnanttnaa	300
cntacttntn	ttnttctna	ntntactann	anaacacct	atnttnatta	nttatatnta	360
ttnacnnnca	tnttntantg	actnnnnctn	caanafcana	nananacnca	ancncaagat	420
tatnntcent	cctantantg	antntacac	tnnaccnctt	aaacactcta	ancannnata	480
tcaanactct	tatcactcta	ttntncaant	acttncaaaa	tacttctnnn	ataatatnna	540
aaaatentca	tctcatccaa	canntatnnt	ntantcccc	tatncattg	tccttctctn	600
ctcnccteng	acnntcttta	ncatccnca	ctcatnnnc	ncntataten	tacananctc	660
annatctnt	angctaatna	ncatatacnc	nnntctncac	ancacttctc	antatcacca	720
tatcatcaat	cnttntngc	gantnaacan	natacacnna	atnnactgaa	ctncatacng	780
atnccgccaca	ancactancn	cactnncnan	accntatca	tgntacnnc	ncgtcanatt	840
acatnctnat	acncaatact	nacaccgnac	actccnatcg	atcncacttn	tncatcanac	900
tnntnenngt	acaatctana	catccaacna	ntacnnanan	nnactacann	ccnnacacat	960
cncgtcnnaa	cncacancat	actagnaaaa	ncatacnna	ctnnacattn	annangaccc	1020
atctnctnnn	actnncacn	tnatnatnac	tctnctnact	natagtcant	atatctaaan	1080
aatcccttan	aaanaaatcg	tatatntten	tatanacta	tnnn		1125

<210> 1990  
 <211> 670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 1990  
 ntatcgattc ggacagaggt tctcccttan canangctng ctttatgaca acancagagc 60  
 ttgagcatnt tgagaaccaa ctttgcccaa gaatattgat tagtagtttc tgccatgggc 120  
 acaggaaagg agaatttagc attttgtgtc tctgtgtgtc atacctgaat aagagtctat 180  
 tgggtgcaaaa gagcatatcc aatagtata ttcataaaat aagtgcgcga aaatagtcca 240  
 tgcaggatgg gcacagtatt tcaataaaat acaggtagtt aagtaaagg aatttctagt 300  
 tgagtacata actgagacag aaaatatgtg catagcaatt ttaagggtatg ttaataaaaa 360  
 agataaagaa ttactaaaa ttaattgca agaattctgc aaccatattt tctttgcaat 420  
 ttaattttct gtattttaat ttcttgggat atatttatat ttggcagtat aggatggaat 480  
 tttcaaaaac aatattgaaa agggctgggc atgggtggctc acacctgtaa atcccgccac 540  
 tctgggagggc taaagcagag gattgcttga cccaggagtt tgagaccagc ctgaacaaca 600  
 cagcaagact ctgctcttca gaaaacaaaa aacttatcta ggtgtggngg cacatgcccg 660  
 gaagttccat 670

<210> 1991  
 <211> 1468  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1468)  
 <223> n = A,T,C or G

<400> 1991  
 nnnnngcnnt annntnntna antactatcn nacnnntcna nnacgctgcn gaactatnnn 60  
 aanaganntn tncnnncacg acnnantant actaactann ncggngnagt natagctann 120  
 agcgancttc ncntcantga tgntngacnc acnctncnnt actntcannc atacntaatg 180  
 atcngtnacg ctaaacatta aatctnnnnn ccacntntan nnancgaaan ccggggggga 240  
 aggttattat actaaagnag ggccccnnn ncagnaaaca cctctacaca tngnggnatn 300  
 tgcattcgta tntatatacg aacngnaant acacgatatc natgaaanan atgggggggg 360  
 ctntagagna nanngangtt ntcnngncnt ttacntagan ncnngtcgna nantagnatg 420  
 aantcnnnna agtnagantt gnnngnancn ntagnntnna nngnaatntc attnnntnnn 480  
 nnganagnat aatgncgcna ntgtngcgaa tncnncggn cntcaaaccn anagnncngc 540  
 ganctncnnn ngaccgcnnn aannaaganc tacaancgtn cgnggcacn cnnnntnaga 600  
 tttcnaaanc gtgnancana anntnaactn aantatntnn ccggnnccgc aaatatgtan 660  
 nanacntggn gtgggacaan tgcgnagaga cgtgtagcnc antgctcnnn ggancnnnnn 720  
 agatnatcgn ntaananaga ngancatacg gagganaacn anantcatcg cacgccgcgt 780  
 gtacnaaacn cgcactntng gntgcaatac ancnnanann gtngtgcncn natanacgcn 840  
 ganatagtgc tcaanacng ntgtatctat natntantat atgtncgaan angagananc 900  
 aggtacnnan ncacngtata cgtcntagca caangaacca ancncgccnn cagtatcna 960  
 accncnnnac anacgncgna ncaatcannc ntacngcatn cnacgnntnc gngncatata 1020  
 tancngntca cgcanaagna acgacnagnc ngtngatgcy acgtngcncg cagcanccna 1080  
 gaannncnnn natgctntcn nccnnacngc ngaaacngnt nannnanaca nnnnnnnccg 1140  
 aatgtctcnc ncnnganncc gnttannanc ganctatcnc ngatncgcac nnnnnntcnt 1200  
 naatctancc nntcngntca tactnntccg anttggacnc cgctaacngt aatatanngn 1260

```

actnecgnnca cgtncgncac gagnntnnan agcgcgncgc anannnctgc nnnancaagn 1320
canatcngca cantcngnt ntcntgtcga tancncacan ncgtntcgt antcancnta 1380
tgntnntggn cactnagnant nncntcnaat ncgtancann caactancan nccccncnn 1440
cngnnacaac canncannt nncntccg 1468

```

```

<210> 1992
<211> 1461
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1461)
<223> n = A,T,C or G

```

```

<400> 1992
gaanaacnta ngtnngatta atnggtgana anngcaaata ngcattggtg tganngnnan 60
ttngagaatg tatntntcgt ngtnataacn cacnngacga naactgtaaa tannnnntntt 120
ttntaagaga actganacan ancatggann cggaacnadc aagtannnga aataaantgc 180
gtanangntat atcantagca tanncntaaa tnnnnnnntt taanntntnt anaacttcgg 240
gggtgtntant tancccccana aacccccngc ggnggggggn angnannnaa aganatnnan 300
ttannacncn taaataactaa nnttcttggn nantccangg ggtntttnt tacaagatgt 360
gtggccaana annnncagan ttttgtnttt atagnntttt nngnattnnn tngtngatac 420
ntgtnnngant ggaanctann attgnangtg nntngaant nnanantnga nngnanagna 480
nncngnntna gtatggcnaa tgnattaaga nnggntnatn tnggaannac natntantcg 540
gagngnntgt antngggant natttaggac ggtnttctta tnantnngna nngnncantn 600
nanngatata ttcnattatn gcgaatgggt attanaaatt gtnttgatnt ntntnnntn 660
nntgatnnnn atgncnataa ntgcattggt cnanttnnac anangncana acnatantta 720
anttgnnnna tagtatacan anaancntgc nnatatgnan acaatanntt nncggaacta 780
tacagtntnn gccananttc atatgttggg acacttncgn cacnngtcta gntctataga 840
nanatcncn gggtgtgtat gagantnana gatcgcnnga tctncagtta tatgttnatt 900
accatnatan atagatnacg tacngcnaa atgtgatann tcatacaang agatcnanga 960
atnttgatnn tgnagntgtn tgattacntn ncnatactga tgnagnagt ancgctncnn 1020
ataaacntgn nattangctn gtgatangng ttatgttgag ataacatant annattaaac 1080
tnacgagnat anttaaatat tancntttgt natantgnnn nnaaagngat cnnatanana 1140
ngtcngagta tactatacat gacggnagcn cantntgan agngatncag atgtatcngt 1200
gtncgncana ncancatcca atataaaaaan gttgatcngt cannnagcnc agtgcncgna 1260
taaatnntac acnctangn aacagatnga ttaactacaa natacacatc agantgcgt 1320
gcanatgcag aangtgcngg tcatcncggn agtgtatgtg natgaatc nganganac 1380
tactcantga agacgagatg canntnnnaa ncnnacatag acactcgga cgcataganc 1440
nctnctggga ntgaactnnn n 1461

```

```

<210> 1993
<211> 679
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(679)
<223> n = A,T,C or G

```

```

<400> 1993
tnatcnttag catacaccct cagggagtca cagccttcca acgtccattc atggagccca 60
gggtccaaaac ctgtgatccg agaataggat aacccttttc tgcccatagg gtgttttcca 120
aagacctttc attgctctgg gttacgtggg aaacaacaaa acagaacat cccccgcact 180

```

```

ggtcagctgc tacgggtcac gccagggaaa agtgtggact gatgtatttc gttgtttacc 240
atgtttctag ccagagctaa tttgaaaata ggtatcccaa gaaccagact gcaggagtat 300
cccaaaataa aacattttat tataataata atgacaagga tggatatttt cttccatctc 360
aaaattgtgt ataatgcgat attcaattta tagtttaata aataaaaatt cttatctctt 420
acgaaaagtt tcttttagag ctgagctttg cttaaacatt tattatccat ctgctttctc 480
ctaatttgaa aacaagcgat aaagcaagca atttacatc ctaacagtgc ctaatgagac 540
agtttattca ttcagtcagt aaatatttat tgaacatcta ctgtgtgccca ggcatagggg 600
aggcattaaa aagatcttgc tgattacagt caaaacatag tccctactct catggggatt 660
ttacaaccta aactcatgg 679

```

&lt;210&gt; 1994

&lt;211&gt; 701

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(701)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1994

```

tnnntcgtcc ctaacgaggg tacctgggtgc ctctgactgc gcctctgcct ttgccgcctg 60
gtccctgggtg gttcaagttc cagaaagggtc cgaggggtgt aaggctccta gagaacctag 120
aggtcctctcc taggaacctt taaaaatgat accctgccct gcgttgagac ctgtgaattt 180
ctttgcatgt gaggggccag ctgtcaggtg gtcggctgag ccagggcaga cccaggagcc 240
cagcacgccca tcgcggagggc ctttctgatg gcacaagtgc tagcogttcc tccgtcttct 300
ccgcccactt ggccatgtct gggaaaaggc tccccccagc tcccttgctc tccctggagc 360
accacgggca ggactctgac cggggatggg caggttgggg cattctggag aggaggtttt 420
ggagtgatgg gtgcagaagg cgttcagggg ggggtgaattt ccctgaaagc ctcaggcccc 480
agctctgggt ctggtccttc aactcttaag gcccccttt ntcatcttg aagaaaattt 540
gaactcaaac tcaagggttc cccacctggg ggggacgcca canttgcca gtntgccgtg 600
ggaggtcctt aantgggtgg ctgaaggggc tncatcgtc agaaaagctc tgcagaagcc 660
cctgncccaa aggtgtctgg tttggggcta aggtgatgcc g 701

```

&lt;210&gt; 1995

&lt;211&gt; 1227

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1227)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1995

```

ananannana nannnnnnn angnnanncn annnnaanaa annannnnng ncnaangnnn 60
anannnnnnn annannnnna nnnngnnana gnnngannnn nnnnancnnn nannnacnnn 120
nnannggnngn gangnaggac gannannnnn annngaangna ngngagggcc gangangann 180
nnnanacnnn ncnnnnnnn nnagcctnng gaaaaccctt nngnccaaaa cnaccccgnn 240
ncnnttttng naangggaaa acccaatcgg naanccccc nggggancng ggantgggna 300
aaaacggacc aaacaaaggg aaaacctnng aaaaggggcc ggaccggggg gggcncggaa 360
aancaccctn ggngaaatc ctgggggggg ngncggggna anaaacnnga ggcccgggna 420
aaaaaaaaa ctgggactcc aaaacnacca cccgggaacc caanccgna cggggccana 480
nntcggnaaa aggtaaacct nccttcccc aaggncntcc ngggnnactc nggcntngga 540
atgnctnnng gggaaccca anggggngng gaagggaagn caccancna agagggggaa 600
gggcncnaag ggggggaant ggggaannnga nnnccaggg gaatggaaaa naaatnggg 660

```

```

aggggggaaa aaaaaaaaaa tggggggggtt aaagaaangc cccaaaagga aanttggggg 720
naaangtaaa ngggggggggg aagaaaacaa agaaaaangg gagcccnngg ggncnratng 780
ggggggaaaaa gggaanntnn ggaaaanaaa agggggaagnc cnggggggaa aanaatgggg 840
caggggaaaaa anncnngggg aaaccnnaaa aaaaaaaan gggggncnt ttaaaaagaa 900
aaccccaacc ntcccnnaaa anctccgttn cccnnaatcc caaaaccaa nagnccctggg 960
ccgggaccca aangnggcat cntnntnacc ctggcctnan caagcattat ngcccccaa 1020
ngccnccctc caaaaaacan ctggtncccc nggggcntaa agggcaaggg ggaaagnaag 1080
gggaanaaca anggattngg gggggaaaaa ggcctnaag gaaaantng anaangtggg 1140
ggaagaagga acaanctngg ggggcttngg gccaatgnnn aaaaaagaaa gggaacngntn 1200
acggaaacca tatcgggaga aaaaaan 1227

```

&lt;210&gt; 1996

&lt;211&gt; 764

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (764)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1996

```

tcaaattcag ctctttgcct ntcnagnagga tcccatcgat tcgtctggga gctgattgga 60
gaagcgccca agagtgtgaa gctggagagg cctgtccggg ggcactgaga actccctctg 120
gaattcttgg ggggtgttgg ggagagactg tgggcctgga gataaaactt gtctcctcta 180
ccaccacctt gtaccctagc ctgcacctgt cctcatctct gcaaagtcca gcttccttcc 240
ccaggtctct gtgcactctg tcttgatgac tctggggagc tcatgggtgg aggagtctcc 300
accagaggga ggctcatggg actggttggg ccagggatga atatttgagg gataaaaatt 360
gtgtantgag ccaaagaatt ggtacnantg gggagaacng ataggagctg tgntattggn 420
aatgatnecn ttantggagn tncaatttnn gctnaangtn nngaactagc ttncngtgnn 480
cctnaccnna naatgcntnc cnagcccttg gaacaacatc tgaagagcca tgtcccnag 540
gtccaccttc tgcttctgan gggggctccc gggatgaaca ggatggagct tcagctgaga 600
cagaaccttg ggcagctgca gtccccccng aatgggtncn tattatncag caggacattc 660
acagcncagc cggaaaggtg aaaccgcagc cncctctgag tgatgcctaa cttanttggg 720
atgcctgccc agaaacccca gacgatgcat ggtganggcc ccct 764

```

&lt;210&gt; 1997

&lt;211&gt; 731

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (731)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1997

```

gnttnaatat cagctntttg ttctttctgc aggatcccat cgattcgaat tccgttgctg 60
tcgttcccat tcagctcttg ggggtgaagc ttattcctga tgctccagac gatcaccatc 120
tgcttccctg tcattgacta cagaggacag actgtgaaag gtgtcgcttt cctcgcttgc 180
tacggcctgg tctgtctggt gcttctctca cctctgacgc ccttgactgt agtcaccctg 240
ctccaggcct ccaatgtgcc tgctgtgggt gtggggaggc ttctccaggc agccaccaac 300
taccacaacg ggcacacagg ccagctctca gccatcacag tcttccctgct gtttgggggc 360
tccttgcccc gaattctcac ttccattcag gaaaccggag atccctgat ggctgggacc 420
tttgtgggtc cctctctctg caacggcctc atcgccgccc agctgctctt ctactggaat 480
gcaaagcctc cccacaagca gaaaaaggcg cagtagagcc agctactgga gtcattccgt 540

```

```

ttccactcat tcaccaaac tcagggttct ccccatctga gccagcctgc tgggtgtgact    600
tactcatcct tcattcctct gnacttgag actttctgag ccaggggttt tcttttagtg    660
gaaacaaatg ggtgatggat ccagatcctt ngaaaaggag aggattgggg tanagtctnc    720
caagccaaaa t                                     731

```

```

<210> 1998
<211> 729
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

```

```

<400> 1998
ttaataaaact gctcttggtc tttttgcagg atccctcgat tcgcttggtt gggataaaact    60
tgtgtatgag gatacctgct tcagtaccat caagttaaaa gcagaagatg cttctggtag    120
agagcattta atcactctca agttgaaggc aaagtatcct gcagaatcac cagattatct    180
tgtggatttt cctgttccat ttgtgcctc ctggacacct cagagctcct taataagcat    240
ttatagtcag tttttggcag caatagaatc actaaaggca ttctgggatg ttatggatga    300
aatcgatgag aagacctggg tacttgagcc agaaaaacct ccacggagtg caacagcacg    360
cagaattgca ttaggtaata atgtttccat aaatatagag gtagaccca gccatcctac    420
tatgttccct gagtgcttct ttcttgagc tgaccatgtg gtaaaacccc tgggaattaa    480
gctgagcagg aacatacatt tgtgggatcc agaaaatagt gtgttacaaa atttgaaaga    540
tgttttagaa attgattttc cagctcgtgc tatcctggaa aaatctgatt ttactatgga    600
ttgtggaatt tgttatgctt atcaacttga cgttaccatt cctgatcaag tgtgtgataa    660
ttccccagtg tggacaacct ttncatcaaa tatgcttata tgantggctg anaggactac    720
taactagta                                     729

```

```

<210> 1999
<211> 689
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(689)
<223> n = A,T,C or G

```

```

<400> 1999
gttcaattcg angagaggag gcttgggtag tgcagatttg tgtatttcaa tctttgaaag    60
ctctgatgta atttagaaat gaaatccaat catgagtcca ggtagagaac gcctgctgta    120
atctacactg ttgctgggac tgcgcattct gtatataact gtgttggatg agtgacagat    180
gattgtccag actaggacag cggcatgaac atgacttttg ttgggattgc ggatagttag    240
ggttacctct gaatcgtgta gcttttatga gagcagctgt gcaagtgaat ccacattaat    300
gccttgctgt ggtgccattc ccagcgctg acgatacgtc cttctattgt cttattctgg    360
caggttttga cgttttaaat tttttaaaga aattttatc cttggacca aaggtttggt    420
taaccacccc cctcttactt gctttcacat tttagtggtc cagaggaaac agaaaggaaat    480
gagtggtgta cgtttgctgc acgcctgact ctgtgcgagc ttcttttctg ngnatatatt    540
ttggtttatt tttttccggg tatattttta atcccagac aacatcatgt ggagatttct    600
tttaaaatgg gaattaaaac cgatttcttt canccctgaa aaaaaaang gtttttgaaa    660
aatngttttc cttgnaantt ttgntttg                                     689

```

```

<210> 2000
<211> 796

```

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2000

```

cctcgattcg ggcgcgagacn nanngagaga ganngcnnga gagngagaga gngagagaga      60
gagagagaga gagagagaga gagagagana ganaganaga gagagagaga gaganantgt      120
ntntntnnnn gngnnagagn gnnacanncc ntncncctc ctagaganct gncncnctgn      180
ccttggttta accnntaaat atanctntnt tctngtncct ggggtgantt ntcnacaaga      240
ccttggttcc cennntcttt nctcngaaac cngtctntct gcccctctnt tntccctcnc      300
tctctctntg tgtctcacgc tctaaacnct ttctcgcgct tgttnttcgg tgaaanattt      360
antnntccat cttcgtgttg gtgagcggag cccnctttt tgctgngtc tctctttttt      420
tnatagnntn ccttctctct tcgaacnctt ctnccccccc ccttnaatgg ccggcttttt      480
tnttantnct ntgggtgatt ccccccaac ggggaagggg ggggnaaatn ttgtccttgt      540
ggctcctgtt tcttgccnng gggcttttna ncttctnngt cctcctcccc cccctggggg      600
tccannccan gggteccccc ttcccnctn tccngggccc cccccccnn gagaaggggc      660
ttctgggncn ccccttggtc nnnccccca ttaccccccc cgggnccttg gnttcttna      720
anttgcggtt ctttggggtc attgaaagcc ccccncccc tnttgccngt attaagccct      780
tgngtttgcc cccccc

```

&lt;210&gt; 2001

&lt;211&gt; 1126

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1126)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2001

```

cccnancnnn caannnnncan nnnganntng nngcanngnn nanngggcan nnnnangnnt      60
cancncntng nncannnnan ncngacann ngcnaaaann nannnnatnc cgccancngg      120
ganntnnaaa ngacncncan nngngnnnnn acgnangngn nngcacgnac gcngcgctat      180
acganncaca nacncnana naanacnct gcgnnnngnn ccntacgat cctnnaanac      240
gcnacnannt nacnnncncn nncnnaacna nggaacncgg nggngaagga anagnccaca      300
agggaccncn ntgcggngca gtataaataa gannnnnncc agnacatgtt tntntacctc      360
tgctgtggga tnttnggggn cattactttg ttgatctact ttgtagttaa cctagagaag      420
ttaacacagc cattgtctaca gagctttcng ccncttgagt gccagaantc cataatccag      480
ttatccnang gattgtgggg gagnnaaaag aggnantncg ggcattggnn cttgaatgg      540
ggagcaaata caagtccntt annngganaa gtggccnata aanngtctta ngatatnacac      600
cnnggcctgt cantattata acatntanaa naaaacccga ccaataanan antganccat      660
ntggaaaaac ttccctttan tttgcgaaaa canggangaa aancggttga cggaagaata      720
anaanaagng gggtcacaaa naaggggttt caacttgnnn ggaataatgn angtcgaagt      780
ttgccccanc nagggatngg aattaggggt gaaancgggn aatgcctgna aagnnggggc      840
caaaaccccc nnggnnaata naancctctc aagaaagcca tcnncaangg aannangggc      900
cntggngnga nanaanccan taggnanaat natgngngtg nagactaang ggggacnccn      960
tncgannagg gagnggtnaa gggntcaanc cgnctcga aanaanaggc ccctangggg      1020
nagncnctt aatngggnc naaaacnggag tcataaaagc cgngcncaaa nnncnagaac      1080
nagcagcgca ngngaatan tgnccnnagg annantntaa accccg      1126

```

&lt;210&gt; 2002



<211> 679  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(679)  
 <223> n = A,T,C or G

<400> 2002

gttcgattcg gcacgagatt ataccctaaan aatgggatgc gtgtgggaca gcttttaaag	60
tgtttgaaag attttgcatc caacattcag gctatcagtg actccttgag tgaactatgt	120
gaaaataaagc gtgacaatgt agtcctggca tttaacaat tgagtcacac cttttatgag	180
aaacttcaag aaatgcaaat tcaaatgagt caaaatcatt tagaataaca ccatggaaaa	240
ctttcaagtc tgattatgtg gtatttatcc ctttgcaagg agagatataa ttaagcttac	300
acaatgaaat ggaaaaaatg tttgtcttgg agtcaaacag aattaaactc agataccagc	360
tctgctatct tctaactgaa tgactttaag ttatgtaata tatctgagct ttaacttcat	420
ttttggcaaa accagagtaa aaatgaatac ctctagttgt tttgaggatt aaatgagata	480
atgtaagaaa agtgattggg attgggtggg gacttaatga acggtagtgg gtttttaagt	540
agttaatgta tagcaaaaatt aagtttcaca ttgtcaagtt ttcaatacat ccccaagtta	600
attggaatct taaattaatg gatcaataa atcacaaagg accccaaatc aattctgaac	660
aaacaattta gtttttgta	679

<210> 2003  
 <211> 684  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(684)  
 <223> n = A,T,C or G

<400> 2003

antntcgaat tcacaccagc ncnctnnaaa cctttagnct gctttaagaa aactcagtat	60
ctgaaaatct taacttagca tgtgatactg tcttatcagc atctgcagaa gtgccaaagc	120
cactgctaga cacttaatgt gtattatttc atttaattat attttaaatg tgcttccttg	180
gtaattctta agctcgagaa agagtgtgag aactgctgct aggaaataga gattcacatt	240
taaccctgtg gtacttttaa gaagcaggta cggtgttgca tatatacttg ggtagagatt	300
ggtaactatc tgataggga gctcaagttg gccaccaag tctgagaaac ccttaattac	360
tgagaatcaa aagagcagaa tgtctgtaga cattttggat ttgtaaaaat cacattgttg	420
agttatacct gtgatgggct gaaagttttt ggcattcttt cctgttcttc atatgccagt	480
accataaacc aaaaagtatc tcagatctgt cactttcttc tcctaaacca atgtgattgc	540
agcttttttg ccttcagccc ttttccttat ccagtatctc ctacatagtt accttttgat	600
cttaaggaaac tggtttgaat tggggtcact tccttgctta aaattccatt gaatggtcat	660
tggtaaatct taaaaataag agtt	684

<210> 2004  
 <211> 1508  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1508)  
 <223> n = A,T,C or G

## &lt;400&gt; 2004

tgnaccnnnc	ancnnncegc	ncccnnnnga	cnnnnncaca	ncangncncn	nnnnncncaa	60
nnnagcnna	cnncntctg	nncttcnecn	gcancnaacg	nctcccnegc	nnngctcnnn	120
tcaetnctac	nctcntcacc	ncncannnna	gnngnnttga	cnngcgcnng	acnntancac	180
ctcacnanac	ggctccntcc	annncgnnct	ncncnatctc	cgcgcngcg	nnnnnnnnnn	240
atngggcneg	aggncancta	ttncgtccng	acngcccggg	gnaganacgc	nacaaacctt	300
nancngggng	tgtcncaggn	gggnatanna	ggnttcnecn	cctncatgng	gccccngggg	360
gggganttcn	cnactcgnna	ngtcgcccc	acncacnecn	tgtaccgcan	ngnccccacn	420
aacagnnntg	ntcnagcccc	actgcccggc	ncaaatactn	gacgcacnec	gnncnncngn	480
cccnntnnnc	tcnnaaacan	naccnccac	cnccncaaac	annnnnncnc	cggcncnagc	540
nnncgnatnc	agatccnca	ngcncnccc	tnctncnanc	ngtccgacta	ncaagncggn	600
ctnaagnaga	ntnccentnt	nnncntnnnc	cngcacgnec	atgacgnenc	acgcccnnctc	660
gggnagccgc	aatccgcacc	tnccnctact	anccatnngc	nnntccnca	cngtctannc	720
gntgtacncg	cgcantntcn	tatccnncnn	ttctnnnga	actgtgaccc	ctnacatctc	780
ntacgcgcnc	tcngcncann	ctncnncana	tcgtgnanac	tnacnnccta	ctcancaent	840
cgnacnagcn	naacgnaccg	cgncccgntt	tnctcnatga	cgacaangcg	cntancctcg	900
atctgttgnn	ntataanncn	gcgggtatnc	acncagaanc	cacacgcgcg	ccaaacannn	960
cgcatagcac	actnnntacn	cgttnnaacg	nangncnacc	gannactcan	tcanccgaca	1020
ctnanngngc	ncngcgcgcg	ctnctactct	acctccgaca	nnntcngcn	acancatcat	1080
tacgncnaca	naccncccat	cacncacccc	aaanacantn	cgtgcngnec	ncngcgcan	1140
gcacatnneg	ananaacnac	tcggtncgac	ngacgaatac	acgctgtcag	actcgtctta	1200
nccgcgctga	ncttncgcac	nctgcacgca	ctnnntcnca	nanncgcgte	antngactct	1260
atacactgct	cacgactcng	cgcancgcgc	tangacgtnt	cnngccagac	acaacaccgc	1320
acncannccn	gcnetgacgg	ancnctctc	anacactecn	ccaacntccc	tcnccnnngc	1380
nacngngnag	agcgacgcac	accnncatnn	acgtccgac	tcnnncgacn	cacnacnncn	1440
gcacnncnca	tnegaacgca	agancnncgc	anncgcgcg	ncagnncnec	cctnacnncn	1500
cgncgcgcg						1508

&lt;210&gt; 2005

&lt;211&gt; 878

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(878)

&lt;223&gt; n = A,T,C or G

## &lt;400&gt; 2005

tagttatncg	gaanttgcgtg	ggggggggga	atnaaatatt	taccaccact	caacaaggaa	60
cccncnccc	agttagtcac	ttantaanna	gtaagctaga	tagatagant	nctanaagtt	120
tangnaagnt	naggaagctn	tcagatatnt	tangnactct	tnattntant	anancagnnn	180
ngnatntaan	ttgngggggg	gggggtgtat	tattttttat	nnaancgnnt	nactngntaa	240
gnaaatcnaa	cattctgtng	nagtatctta	tgtatgtact	ctncaacatn	ttaatanatat	300
antggatcatn	tntatgatgn	ttttaaataa	ttgtncntnn	atannnnngt	tnatanentn	360
ttgnnnnttt	acnacatntt	tttnatttta	ntannanann	ttnaatannt	tatntagaaa	420
ttnatactat	attnnenttn	nttatttatn	antnttnnat	ttntagnntt	tacnaagtag	480
ttgntntttt	nnntanaann	ntntntnnnt	ctaaaaatnt	aatantgnta	tcataatttta	540
ttttttannn	ttttntttat	ntatttattn	ntatatattt	gannttattn	ttcntcttnt	600
tttttattaa	ttttnnnnna	tttttcgttt	gnttataaat	catanttttn	ttnattnnna	660
tttaatatata	nnntttctn	nanattggan	gttnntntng	ancnnaanat	tgnttctann	720
tnnaaatntt	atttttnnnt	attttntang	nttttnaatt	tanantatnc	tgntttannc	780
cntntannat	aancanattt	ntaatnatnt	cantatcaaa	tnannnacta	tcnntnnnnc	840
cnatnttatt	atcgtttata	taanancntt	cttatcnn			878

&lt;210&gt; 2006

<211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2006

nttcgattga caagacaggt tgctgagggg tcggcaagca tctgacttgc ccaatccccct	60
ggatatgggt agccccgcca tgcttttatt ctgtatcgnt tttgtcttta ttgctgcttt	120
caacattttac gtttggttac agttaactat ttccggagtg tggtgattga agacaatttc	180
atcatcccac tgtacttttt ttttgagagg gagtttact cttgttgccc aggctggagt	240
gcaatggcac gatcttggt cactgcaacc tctgctcct gggttcaagc aattctcctg	300
cctcagcctc canagtagct ggaactacag gtgcccgcca ctatgccag ctaatttttg	360
tatttttttag tanagacggg gtttcaccgt gttggccggg ctggtctcaa actcctgacc	420
tcagggtgat caccacacac agcctcccaa agtgctggga ttacaagcgt gagccactgn	480
gcctggcctt tttttttttt ttttaaaaaa aaanggcnnn ttnttttngn cccccagggc	540
tgggncctng anccccngga gatnnaaang cangcccnct ctggttttna aaaaaaacag	600
gtnaaccggg ggcccccccc catttaancn tttttataaa aaanggant cctgggcnc	660
aaaggggaat ttttnggng ggggtttccg cgnaantggg gntccaaaaa c	711

<210> 2007  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2007

gtttcncaga tgaacacagaa caagtccatt tttattttct ttcactgcat tgcataatgg	60
actcaagttg tggtgtgtat agctaataag atgccattca cattttatac atcttttttt	120
tttttttga aaggagtnn cnntttgccc cngngnngn agggnaaggg ccnaatntgg	180
gttnanngaa nttnccnncn ccngntnaa ncnnttttt tngccnaacc cccccnagaa	240
nnggaanna nngnccccn cnanncccn gggnaantt ttngnntttt aanaaaaaan	300
ggggttcnnc nanggnctaa annnccnnc ctnggnancc cccccntaa anntttngnc	360
nangganggn aaatnattnng ggnccnngnt tttaaaancna aatnggggnan aangaaaaa	420
cccctngttt atnaaaaaan naaaanttn cngnncnagt ggggggggnc ctgaaacccc	480
agntcctnng naagnccggg gcanngnanc cncttaaacc tggggggcnn ngntttnaaa	540
ccccaaaaat nntccccctt taatnccanc cngggggngg aaaaaagaa aaaantntt	600
ttctaaaaaa aaaaaaaaaa aaggggnntc cctcccgga ggaanttna aaaaaaana	660
aanttttttt tttgtccnc aantttnnn cncnccnnn taanance	708

<210> 2008  
 <211> 686  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(686)  
 <223> n = A,T,C or G

&lt;400&gt; 2008

nntcattcgg	acgagtctgg	gccctaggcc	tcccaggagc	aagtggggcc	tctgatggta	60
aaagtcgagg	agaaagaaga	gaaaggcaag	taccttccta	gcctggagat	gttccgccag	120
cgcttcaggc	agtttggtta	ccatgatacc	cctggacccc	gagaggccct	gagccaactc	180
cgggtgctct	gctgtgagt	gctgaggccc	gagatccaca	ccaaggagca	gatcctggag	240
ctactgggtgc	tggagcagtt	cctgaccatc	ctgccccagg	agctccaggc	ctgggtgcag	300
gagcattgcc	cggagagcgc	tgaagaggct	gtcactctcc	tcgaagatct	ggagcgggaa	360
ctggatgagc	caggacacca	ggtctcaact	cctccaaacg	aacagaaacc	ggtgtgggag	420
aagatatacct	cctcaggaac	tgcaaaggaa	tccccgagca	gcatgcagcc	acagcccttg	480
gagaccagtc	acaaatacca	gtcttggggg	cccctgtaca	tccaagagtc	tggtgaggag	540
cangagtctcg	ctcaagatcc	aagaaaggtc	ccgagattgc	aagaatgagt	acccagcccc	600
ganggaatca	gccagatgan	ccagaaaggg	ttttgaanca	naaggggctt	aaaaggggat	660
atnaattttc	tggggattat	tcgcca				686

&lt;210&gt; 2009

&lt;211&gt; 1187

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1187)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2009

ntcactnttt	cgntctgac	acnacntnt	cnacnnngnc	aacnctgacn	tnactaanna	60
aacgcantct	ncgntcatac	tnctcctntc	gntatacaag	tcgcatttcc	nctaactcnc	120
actcnnncna	tcgcgncang	nngnagtaac	cnnnnaccaa	annnnaanna	tgatctcgnn	180
cccngtattn	aggngnaac	cgtgngtcaa	tataanaccn	annagcnccc	nnaatcngnn	240
natcctannn	cnaancanct	nmatatangt	actnatcatt	anatccctta	aacntaannn	300
naentnnnaa	annaacgggg	nnnnantntt	aaaanttang	anacgancn	cataanacnn	360
ncanmtactc	ctgnnnaang	ncanatanaa	naatangcaa	tnanntcaan	nagtanacan	420
cnnntnacnn	gccctgataa	naatntantc	nannnctntt	accantcaac	tgncanaaan	480
natgcnacna	antnacccan	aaataagntn	aacntactcn	tnactnctnn	nantctantc	540
attttnngnn	ntaaancnct	gactatnccn	atactnnncn	ttnnananta	nnnatataan	600
nnctgtnttt	tacnctttnc	ccancaannt	tcnntcncnc	antncannac	tgaatcanca	660
anatncannn	ccntntntat	cannactttg	aactnagnan	atcnanncaa	tatnatnnta	720
natnnctgac	aantaannna	gcattgaaaa	aagncntcaa	tantnttnan	ncanacanta	780
nnataaagcc	tgngnattac	anntatcact	mntacanaat	nttanatcca	aataanaaatt	840
naanaannnn	ccactaannt	gcaatncaat	nnaaattntt	anntctaann	ntnaatnatc	900
nnaaatnaaa	ctnannaatn	anaangnant	cgnannaant	nncnaccata	actaaanctn	960
ncatantnnn	tatnccttcc	ncncnnaaac	ntnccnacct	gaatccatan	aataatcnan	1020
nnnnngncac	ttnttnann	nananagcnt	nntcanantc	nngtaantnt	tcanctnntt	1080
tnnagcaatc	tatnannana	nnangnatng	gnnaaaaaac	tnncancaga	nanncttccc	1140
nacntttatc	gnnantcaaa	ncaagacnnn	gttantatta	nacaccc		1187

&lt;210&gt; 2010

&lt;211&gt; 1055

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1055)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2010

tctnnnnntn	tanaattntc	nacnttncnt	tatnaanntn	atatacncnt	cntaagtact	60
ntntnagggc	naannaannt	ttaaanttcg	cccttnttcn	nttttaatat	nttttnnatt	120
tccttatnaa	aatatnatac	antcgggggn	tnactcatat	ancnagntgg	nanagccacc	180
ntttgaaagc	tctgatgtaa	ttnnaaaaag	aatcaaat	annggggggg	gnttttanag	240
aaatncctcc	naagcttnac	angnttggtt	atgngcatta	tnntntaac	tngtgnttta	300
tnattcantt	natanaggcc	ntantnttcn	agatnaaaact	caatntntnt	ttnnnatnnc	360
tnnanntnna	tatattannc	anttantana	tanattctnn	cttnaanaan	ncgttnantg	420
annncnnnta	taaatctttn	ttntnnnnc	ncttatanac	ttnantcatg	nncnatnttt	480
aatnttntaa	caaaangtnc	attcngnttn	nnntannana	aaatnancnt	tanancancg	540
nncnannttt	gtaaccaana	tngggntttg	ggnttaaaca	ncaccnnatt	tttttaaatt	600
ntnctnttna	ccaatgnttn	ngtgggtctc	nantnatgga	naaanncnaa	aatcggttna	660
cattnctggn	tnntcantna	tnntnccta	tangcaaan	cnctaangna	tnntttgtga	720
tctnataaaa	ccnnncaatt	cattcnggga	ggctaaantc	acaanntnt	atgnagcant	780
nntatanttn	tatttttatn	acccangtg	taccataaaa	tangcatatn	agaaaannac	840
accnccanc	ttnggatana	caaantcnac	atagtcgcaa	gagaaaaaat	acatcctntt	900
tcncaaaaa	ngatcggtna	nnantnaaaa	aacncacaan	attntntcnt	atctnacagc	960
tccactcnna	nanagaaaan	ataagaggga	cgtntattatn	nctagnaata	gtntattatt	1020
ncactcnttg	tgnnacctcc	acncngtgn	nttnc			1055

&lt;210&gt; 2011

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2011

gttcgattcg	cacgaggtgc	gtctagagga	aatgtactgt	tttgagata	ataagtattg	60
atcagacatg	catttttacc	tctgctgtgg	gatttttagtc	tcattacttt	gttgatctac	120
tttgtagtta	acctagagaa	gttaacacag	ccattgctac	agagctttct	gccacttgag	180
ttccagaatt	ccagaatcca	gtttcctagg	gattgtgggg	agtaaaaaga	ggtatagggt	240
atgggtccctg	tatgggagca	atacagtctt	tattgagtag	tgtctatatt	gtcttggtta	300
ctcaggtatt	tcatatatac	attaaaaaaa	ccgacaataa	aaatgaacat	atgaaaactt	360
ccttatttgt	gatacatgag	taaatgttga	tgagattaga	gaaggggtcc	aaaaggttt	420
ctctgaggat	atgagttgag	ttgcccatca	ggatggattg	ggtagtggat	gctgatgtgg	480
gcaaacactg	gaatagacct	cagatgctgc	atgatgtgcc	tgtgtaacac	agttgaaatt	540
tggtgatcaa	ngggacatat	tacagcaggg	tagggcaacc	cgntaaaaa	atgacttggg	600
gtcctttaat	tgggttatgt	tnacatggn	ggaaagaaga	naaggccccg	aaatgaccat	660
ggcatanaaa	ata					673

&lt;210&gt; 2012

&lt;211&gt; 678

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(678)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2012

ntncgaattc	gcgngaggga	atctccaccc	tgtgctgttt	tttancaata	tataataaaa	60
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gccaacattt attcagcact gaagtatttt atacacattn gctcacttaa tttttacaac 120
aaacctgtgt ggggaagtact gttataatta atcgtcattt tcagataaga aaatagcagc 180
tgaaaaagta aaaataattt cctcaaagac agccagggtt taaatcaggc ctttctgatg 240
tagaccatgc tcttcactac cacagagtgc catgctactt tctctccctc tccctcctct 300
cctgtccctg ctacacacac acacacacac acacacacat gcacactcac tcacacacac 360
taggaggaac aaatgagatc attcacatga aagcacttat gtttctgaaa ttttaaggagc 420
tgtgggtttt atctaggntg acctctcaag ctaaaaactg ggaaccagaa taatggactg 480
aaacttgggt ttcacttcca gaccagtgtt gatcctctga attgatgaaa ctgtatagat 540
ttccctcttg gatgcccttg ctaacatgga tttcctttca ctcaattcct aatgcaaata 600
tttgctgacc actgnttaan aatgttacat gctgcatta cattggatat tttactattt 660
gggggggtng tntaactt
678

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<210> 2013
<211> 658
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

```

```

<400> 2013
naggngttga gaaccgagct antaaatcaa ccagtcagan aggccctggc aaatgtagcc 60
tacatcatca tagagtccac cgaggagggc acgactgaat atggcttggt gaaggactct 120
ctatttctgg tcgacctgtt gtgttggtgt gccatcctct tcccagtggt gtggtaaatc 180
agacatttac aagaagcatc agcaacagat ggaaaagctg ctattaactt agcaaagctg 240
aaacttttca gacattatta cgtcttgatt gtgtgttaca tatacttcac taggatcatt 300
gcatttctcc tcaaactcgc tgttccattc cagtgggaagt ggctctacca gctcctggat 360
gaaacggcca cactggtctt ctttgttcta acgggggtata aattccgtcc ggcttcagat 420
aacccttacc tacaacttcc tcaggaagaa gaagacttgg aaatggagtc cgttgtgaca 480
acatctgggg tgatggaaag tatgaagaaa gtcaagaagg tgaccaacgg ctccgtggag 540
ccccangggc agtggggaag ccgtgtgaca naaccaccc ttgaggatgg cctgtccaag 600
gaaactggta acttattcat agtcctattg ggacagcagg agcagcttct acaggnga 658

```

```

<210> 2014
<211> 669
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

```

```

<400> 2014
ttnnnnnant ngccgagggtg acattgtgat ngcanganan gntaacaant tattaatata 60
aatagtactg tatatgagag tacacattag gaatgctgtg ctttaatgca taaacatgtt 120
tacagtggtc cacatgtgcc aggagatgtg ggaatggcta cccctgaagt catatggaga 180
aatgggggtc tcctgcgaca ccatacacia acatcatctc acaaatggat taaagacact 240
taagacatga aacaaaaaaa actcctagga gaaaacacag gggaaagctc catgacatca 300
gtttcggcga tgattttttt ttggacatga cactaaaaga acaagcaaca aaactaaaag 360
taaacagggtg ggattacatt gaagtaaaaa gtttctgcac aacaaaggaa acaaccaaca 420
aatgaaaaa cgaacctgtg aatgggagaa aatacttgca aactgtatat ccagtaaggg 480
gttaatatcc aaatacataa ggaactcata caactcagtg gcaaaaacca aatacccatt 540
gaaaaatggc naagagccat agtagacatt ttttcagaga agctnttcag atggggcaca 600

```

ggtatatgca gangnctnag catcncatc ccagagaaat gcngtcccca cagtgaagctg 660  
tcactggtt 669

<210> 2015  
<211> 689  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(689)  
<223> n = A,T,C or G

<400> 2015  
cnncacnatg agntgtgngt ntntgcgntg cnattcacct cntatncccn tacgtgtngt 60  
nntanccagn actctnnaan tgacctggtg atnaagngac ggctgncnc tgtgcnaatg 120  
ttgngggna anggagcnat ttatnatcan tttntaaac ctggtgnaat cantntgcgn 180  
attgtggata ccaccaant cccatgtntt nanggaaagg nanntctctn tcccantcca 240  
aaatggcctn nggttggang gncatgnanc ctacgcctnt aananccaga aattngtngg 300  
ccctgcatgc antgtgncaa nangaccngt gctngnaccn ttnagccac ntgntanncc 360  
nantctacta acgcttgag nncacccggn ccatggtngg cagtgnctgg gnaananatt 420  
ctactnaggg angctgccgn gctnaaaang gggcttttac cccnagacg ggaaattgtn 480  
gggaannnga ggagnnnnan naattgnngc ttctgtgctt ggggcaacca nganntggaa 540  
aacttttnt tcnatcccn ctcttttag nnaaaaaaa ttngnnataa aaccnccca 600  
naaataaaaa anntttccna atttttngt tccngggca aaannantnn nttttatttt 660  
ntgnatcaaa agnaaanttt tntgncc 689

<210> 2016  
<211> 670  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(670)  
<223> n = A,T,C or G

<400> 2016  
ttntcgattc gcacgagggn acccacagct ctcacagaa gcagacacag atactttttg 60  
taggaaaaca tctctaactt aagcctgtag gattcccaaa gattaaaagc aggcaaatat 120  
gaattcagtc aaatcatagc attcaagtag tctcaacca acatatttga gaattgttag 180  
aaacaatgaa tatgtttccc aaagactagg ttttggatt atcagataca gaacacagac 240  
ttcaaattt agaattgtga gaaaatagtt acatgtcaaa cctaataataa aagaaagatg 300  
gactcattaa attgagcaac agaaaggcca ccaggaatga ggaggaggac ctgaaaagaa 360  
aatggatgaa ctagaactta cagaaataaa atatatagct ggtctgttg gctcacacct 420  
gtaatcccag cactgttttg gagccgagg tgggaggatg gtatgagccc aggagtggg 480  
gagacaagcc tgggcaacat ggtgagaact cgtttctgta aaaaataccc cacacccca 540  
aaaaaaaaaa aaagtccttg ggtttggggc ncgtntntgt anccccntn gncngnggn 600  
tngngnggn ggatccnttg nctagggggc aagggtnga ttggccttcc cctggaaccn 660  
ancctggggg 670

<210> 2017  
<211> 718  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 2017  
 ttttcgattc ggcgcgagac ncacngagag agagcncgag agagagagag agagagagag 60  
 agagagagag agagagagag agagagagag aganaganag agagagagag agnnanagng 120  
 agagagngan agagagagag agagagagag agtctctctc tcttncgnct ctngctntct 180  
 gtcttnnctc cccccanac agagnnnnct cctcgttctt gggggngtcn tcnctctcta 240  
 cctcttttgc gncggatctt tntctnatac cgggncctnct gtcccnctnt gtnagntcan 300  
 ccnctctntg tgncccccctc tctnnacgca ctctcactct gtntttgtga gnnntaaaga 360  
 tcnatcttgt gtgggtgngn gtnccttttt tgetnnctt cttttnttna anntgccttc 420  
 nctnnacctt ttctcncttt tanatgccac tctctntncc tngncnctc ccnnnanggc 480  
 gggganatat atatgngtcc cncnnccgn gcntgaaaca cnnngctctc tcctntgggg 540  
 ncnggcaagg tccccctctc tntntctnng gcccccccn gaaaangggc ttccggggccg 600  
 cccnctttgg cagccccccc ttccccccc angacccttg gcttcgtgaa gtggcgnttt 660  
 gggtnccagg angccccccc cncnctnttt tcnntctta agggcttgga gattcccc 718

<210> 2018  
 <211> 683  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(683)  
 <223> n = A,T,C or G

<400> 2018  
 gtttcgantic gtgcgaggaa accctatgtg tgtgataggt gtgggaaggc cttcaggaac 60  
 agctcaggcc tcacagtgc taaaaggatc cacacagggt agaaacccta tgaatgtgat 120  
 gagtggtggga aggcatacat ctcacactca agtcttatca atcataaaag tgtccaccag 180  
 ggggaagcagc cctataattg tgagtgtggg aaatccttca attatagatc agtccttgac 240  
 cagcacaaaa ggatccacac tggaaagaag ccataccgat gtaatgagtg tggtaaggct 300  
 tttaatatca gatcaaatct caccaagcat aaaagaacc atactggaga ggaatcttta 360  
 aatgtgatat atgtgggaag ttatagtggc acatcccaga agagaacctc tgaggagggg 420  
 aatgcccttg atgggggcag gatgaggatg cctctgtagc aggcagagct taccaagtct 480  
 ntccgaactc aaatgggaaga aataccttat gaatgtaang aatgtanggg gtcatggcct 540  
 gtaattttacc cagngtnaat gaaaccatcc tagaggatta ttgagggaat cctttctatg 600  
 tganttttca atcatancaa ngcaagaaag gcttcccntg ttcaagggtan ttcancctnt 660  
 tacagggata ttaaaccagc ccg 683

<210> 2019  
 <211> 1120  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1120)  
 <223> n = A,T,C or G

<400> 2019  
 gcattgcata tggactcaa gttgtgttgc gtatnagctc acaggagngc nagttcngga 60  
 ttttatacat cttttttttt tttttgnaaa gggaaannnn ctntgncccc caggngnag 120



ngnngggccn	caannangca	tnanngaaan	ncccgncggn	annaaatatn	ncccnttctt	180
tggectaacc	cncennnnna	ncgggaanaa	nnnggcnncc	aaccaataaa	ngaccnggga	240
naatttattt	gnnttntnna	annannnann	aanacntntn	nccaccnatn	cnnnctccn	300
cangaactcn	ccnntaacnt	ncttaantnn	cntccnttta	nnnancntnan	nnngcatcna	360
aacatcncnt	cnnncacana	ccnaancaa	taaacnnana	gtggttnnna	naactagggy	420
ancangcncn	nncnagancn	taaannnnaa	ttnacttcac	annatcatct	atntatctat	480
aacacanang	ctancnntat	tnncnntctc	tntnccganc	nncacancntn	acacatagcg	540
cnatnctcag	cncatcnntat	anngttnnagt	acttcacnga	agancgcn	ctcnacanag	600
tatagaganc	atngntngag	angacaanan	ancncgatna	taacagtana	tcntntngta	660
cancgnagnc	cncggcatat	atcncaccga	tcnnnngcnc	acnnancana	tncacnccgg	720
tnagnatata	aanccanaaa	cntcgtnncn	cncantctca	annntaaan	tgcnncatcn	780
cngngtccac	cncacantnc	gtcgtnctgc	ancatntnna	cacgtntagc	gatcntgccc	840
acatatcacc	gcaanncgan	acatactatn	gatcgcaacn	nnaacngggn	tnntcancga	900
cacancatcc	atncancann	cgtnaagna	ctancanana	nagatggntn	tacncatcgn	960
ancncactgc	agntcatana	gnganatata	tacttttata	cnactctcnt	gantncagan	1020
cacatntgca	cacacanang	tacatatacn	nactagnaca	cgacatantn	tntatanata	1080
anncanacnc	actgtacaca	cactganata	tcgcataanc			1120

&lt;210&gt; 2020

&lt;211&gt; 1361

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1361)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2020

cantaanann	atannncggt	ncnnacttac	caacnncgta	cttacgaatn	tnctaagntc	60
tnacaaaaac	ncgnacttgc	agtcnnnctc	tnctctcanan	aaaataaant	tactccncca	120
actntatcng	cntctaacgn	catctcntca	tnctacncat	ntctcaaate	taancatagc	180
tgctnantca	nttacatntc	ntnatnttta	gtnnnatatn	ntncatcact	cnnctcancn	240
ngtntncna	ntntnccgna	ntcgcccaen	hangtnnaat	ccctnatggg	accccccccc	300
agctncctcn	ntacttnatc	gtgcancntc	anntaaantc	attgaangat	ntattctaca	360
nacntanttt	anccnccaat	nacnaaaagg	ggnatttttna	aantatcaca	cnttaacnca	420
tnnanctaen	tnanancect	anaanatant	tcactcncnt	tcnttcaatn	cnnctcaaac	480
acttaanttc	ntannnacan	tnntanntcg	aacctnanct	nnntctgac	tgtnntanan	540
tnnncattan	aaanncnncn	naannantaa	ntnannantt	ctaancnttt	cnaaanntta	600
tnnnnatncc	ttncctttnt	ntatntnnaa	cnnnttacnt	tatatntttt	tcaantcaca	660
atnancaaca	catattatna	nnactnttaa	nnctntnact	acaatctana	acntnatana	720
tanannacat	nanattaata	ccnnnatga	cncggttttnn	anattatnnh	tatnannann	780
ctcnattnac	cnanagtcna	anantcnatc	tncnaactnc	ggagcnnaga	ataaccntaa	840
tcntctctn	tantcnnnta	tnnncacatc	catcnangta	gtancacnct	acaancctct	900
naacangcac	angtaacgcn	ctatatntca	taanntcata	actnntcact	acaccntnca	960
natctnactn	cgntatnaat	ananctgact	atatctctnc	anatnganta	ctngancact	1020
ntnatcnnt	naccctcact	ngatntnccg	cntacacgcn	cntagannca	acacattcng	1080
atanactcac	ngntntnct	agcnatctca	catatctcat	ctnaccncnc	atcanncn	1140
aatncancnt	nnennanatn	nctatctnat	atntacaann	cntttatnac	tcacgtcncn	1200
caaanagatc	nacatttaan	nncatnanca	ntatcntaca	canatacatc	nnattncncn	1260
tcntacacn	ttgggatata	ttnatctcca	cgtnaganac	atcgccatct	ctncgaatca	1320
ntntnctca	tatctnatna	cntacaccnn	tcnagnann	c		1361

&lt;210&gt; 2021

&lt;211&gt; 845

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(845)

<223> n = A,T,C or G

<400> 2021

atatacctttn	aactcnnngtc	tttttgcagg	atcnnnnnnnn	tcgaattcgg	nacgaggatg	60
cacggggcact	nnggnngntt	tngcggccac	tctgagtnag	ancatccagn	tggcggtgga	120
actgaaggnt	tccatgnggg	acctctattc	cttctcagct	ntcatgaaag	ccctggaaat	180
gccacanatc	acaaggtag	aaaagacgtg	gnctgctctg	cggaaccagt	acacccaaac	240
tgcctttctc	tatgagaaac	agntgaagcc	cttcagcaaa	ctcctgcatg	aaggcagaga	300
gtccacatgt	gttcccccaa	caatgtatca	ntcccactgc	tgatgccgct	tgtgacgtta	360
atggaccgcc	aggctgtgac	ttttgaaggga	accgacatgg	tgggaaaaaa	acgaccagag	420
ctgtgaaatc	atgcttgaac	catttggcna	cagcgccnat	tcattggccga	ggctgcaaga	480
cagctccgga	tgaatgctga	gaggatctgg	canggtttca	accagatga	angaaatgaa	540
tgaaaanttg	caagacntga	attnnaaatn	ccaattgctt	tgggggcnag	ccaaaagggtg	600
ccccaaantc	caattcaana	cnncagagga	ttttgaggaa	acntcaaccn	agatttttaa	660
ctggcccttt	ttcgccgtta	aaatngggaa	ncctccccc	ctgntaaaag	caaggccaga	720
acttttttan	tnactcttcc	annaaaaacc	cnnttnanaa	tattcntttt	naaagnnttc	780
cccncctttt	aattnttttn	gggaaaacct	tacntgtttt	ttggataaaa	anaatnatgt	840
nccaa						845

<210> 2022

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 2022

tatccttcaa	ctcttgtctt	tttgcaggat	ccnnnnnnntc	tnttcnnncn	agggcagact	60
tctcatccgt	aaaatnagga	agataacatg	attccaaggn	cgtnttttng	gnttaaagga	120
agtcatgctc	ctaatttact	gcctggcaca	cagncagtaa	aangetcaat	ncattnatgg	180
aaggaatgaa	ggnetctggc	agaaaaancag	gtcanatgtg	tctgntgtgg	acaggtgggt	240
ctgtcgggtg	ccggtgagtg	ccctgggagt	ctgcagtcac	ctcctccgca	gccgtgtccc	300
caggctcaca	ggagccacct	cagggtggga	gctctctgcc	agccttggga	agaccagact	360
cacagctcca	agccacgtgt	gagcanggag	tgcttgcatc	ccanaaagtg	tctgcctcag	420
caggctggag	attgggatcc	ccctatgaaa	tgggtgggtg	tgtgggcact	aaaaaaggaa	480
gattggctct	gtttcaanaa	acttttaaaa	ttcactgtac	tggtttttat	tattacaaaa	540
gtaatgtatg	ctgattatag	aaattttacc	ccnnnccnc	ntnccnnncc	ncnnnccnnn	600
nnccnnncn	nnctcnnccn	nnnnntnnnn	nnccnccnnn	ccccnnnnna	aaanccccnc	660
ccccttaaaa	aatttggggg	ggccttttnc	tcnccncccc	ccccctnnaa	acnccnccntn	720
tngggnnntn	gggccccccc	cccctcttga	anccgcnggg	aaaaaanantt	tttttttttn	780
aaaaanntcg	ngnaccnncn	tcttn				805

<210> 2023

<211> 1335

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(1335)  
 <223> n = A,T,C or G

<400> 2023

aggggnggng	gngaccntng	ggngnnnagc	gggggcccnc	aaanccanan	cnatngggat	60
ctgggcccac	tencnnnnnc	gatcncttat	ncgnngangt	aggaanancg	gnagtnaaac	120
ncgcccccaa	cgagaganga	cggggggggg	ntnttttcta	tgtctnnega	acgcnnngnc	180
nccncncnta	tctnccgcct	ccntancaca	catatgtaga	nncactantn	cntactacan	240
cncgcencat	nnnngcatgn	nngnganctn	cgancnngnc	acacannngg	gntngagtac	300
ncanncgga	ngataagngc	acnantngng	ccatgnncnn	aaaaccggac	ntggcgcncc	360
cannagacac	ggagagtngg	cctgncaacn	gncgnacana	gngttgctnt	nnangccccg	420
canacnctta	nagcacngca	ccnagaggng	angcgggaac	acaaacgngn	acccgnggan	480
cgggagcgga	tnganngaaa	nctcgggaaa	agganggnan	caatncnaan	cagnntagng	540
nggcncnnnn	cncncancnc	ngtangnacc	tgannnccgt	accactncnc	gccatgtgaa	600
aacgtngag	tnnnaagacn	acggnnngcg	anangnatcn	actccgcccc	gntnnacgcy	660
cgacgcacnn	agactcgann	ccgcgcaatg	gncgcangnn	aannncnctg	cgngngtaga	720
catgagcgaa	tgannncacg	ggcagataca	cangntngcn	cccgggatat	ngcaccacca	780
ncnatnnnc	ctnnncgcgg	cacganntan	cccnncggc	gantcaagat	gcncatccn	840
caacnaangg	nccnnncanc	atngantnna	ananagagnc	ngtatatctn	ctnagggaaa	900
gcaanatnca	cacaagacgn	ancgnntgac	tgccaccacc	gtgngacaca	nnntntcgat	960
ancgctnatn	ccntacntg	nngantngc	ntncatntgc	gcggaancnc	gactnntaat	1020
gaancncngc	cgncgcnnat	ancncacgga	accgcaatac	ggnnncgcgt	acngngacga	1080
gagagcgcca	natannaccg	ccgaatggtn	annaccant	ngntgncnac	tnnaggnncn	1140
accncnacn	gtggtgnnct	cgcannaaga	tnncgtntcg	cccnntncnc	nnccnncccn	1200
tgagnatgcy	ancgncccac	ggacccccgc	nacganacan	ncgnnccncc	ntcaaaaaacn	1260
cgncngcgcn	nnccacnncg	cncgngnngt	gnanangtac	agcntttacc	gcggaagcng	1320
gnntntntn	agagn					1335

<210> 2024  
 <211> 877  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(877)  
 <223> n = A,T,C or G

<400> 2024

ttancctttn	aactcctgtc	tttttgcagg	atnnntnnnn	ntnganttnn	nncgagccta	60
agcaggcntc	tgcagcnttt	tnnttccaga	aaagaaattc	tcaaactaat	ntnaactgag	120
gaagtgaag	aagaaantct	taaaantgtn	ttatctgaan	ccccanctat	atgtcctcct	180
caaanncctg	aaaaccaaa	gccaaagacc	gggttccagn	tgtggttaga	agaaaaatnga	240
agtaatat	tgtctgacan	tcttgacttt	tcagatgaag	canacataat	aaaagaagga	300
atgattcgat	ttagagtatt	gtccaactgg	aagaaaggaa	aggtgtnggg	gcttaaccaa	360
agcccaaagg	gagaaaacgg	cnaaggtna	aagggaacct	ggaagccaaa	agnaagccga	420
aaaaccgtgg	tnggttggat	ggaaaagggt	gatggaaaac	acnaaaaacc	cngggnaaag	480
aaaaaangcc	aaaaggagaa	ccctggaatt	ttggttctta	aaaagccaag	aaaacccttt	540
aagatttttt	cttaccaa	tcanaaaacc	tatccagctt	tttgcttttt	taaagcaggg	600
agttaaangg	aagaaagtga	cccctagggg	aagtcatngg	atTTTTTTTT	tactcnnctt	660
tttgaatata	gactcgagtc	tttggggaaa	cntcntcttt	tatatctctn	ttaaagaagt	720
ttggaagccn	cctgtttggc	ctttataaga	ntaangnagt	aattatattg	gnngtaggnt	780
acnnggcntn	ttgttnaaac	ctntcatttt	tgcanaatc	ttctgcctcc	aaattgcngg	840
gncttncana	gatgcnttgg	ggattgcant	tnctggn			877

<210> 2025  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2025  
 nttcntnggc tgcttattac gctcactatt atcaacagca agcacagcca ccaccagcag 60  
 cccctgcagg tgcaccaact acaactcaaa ctaatggaca aggagatcag cagaatccag 120  
 ccccgctgg acaggttgat tataccaagg cttgggaaga gtactacaag aaaatgggtc 180  
 aggcagttcc tgctccgact ggggctcctc caggtgggtca gccagattat agtgcagcct 240  
 gggctgagta ttatagacaa caagcagcct attatgcccc gacaagtccc cagggaatgc 300  
 cacagcatcc tccagcacct cagggccaat aataagaagt ggacaataca gtatttgctt 360  
 cattgtgtgg gggaaaaaaa cctttgttaa atatatggat gcagacgact tgatgaagat 420  
 cttaattttg tttttgtttt aaaatagtgt ttcctttttt tttttttttn aaagngnaca 480  
 aaattttnat cnntcnngtn ggggggttaa ttttttngng naaaaaannaa aaatgggttn 540  
 gtttttnttt ttanaggggg aaaangcncn ctttccnccc aaatgggttt tngcnaattt 600  
 antgggggng gnnncgcntt tgggnaaaaa aaaaaggncc nntttttaa aggggnaaac 660  
 nttccccntt ttaaaaaaan gcccgntttt tggngntttt aaaaaaaa 708

<210> 2026  
 <211> 673  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(673)  
 <223> n = A,T,C or G

<400> 2026  
 gtttcnctga ctnttacctt caagtatgga aatnncagtg cttcaggaat agaaatcttg 60  
 gcaatcgaaa ggtattttgat tccaaatgca ggggatgcaa cttaaagccat aaaacagcag 120  
 atcatgaaag ttttggatgc tttggaaagt taatataaaa gaaaattata taaaaagaaa 180  
 ttaagacaac caagagaaac atggacatat acctcctgac tgaatactaa ctggagacct 240  
 ttcatttgct catggggctg cttaaatagc aggtctaaga aagtgtaaat tattataatc 300  
 aatctgtgga cagtaaaactt tttaaaaatt tttcttctgc attttggttt tataaaatga 360  
 tgtattataa aggtcagtta ttaaattact ttgaagtaac tgaccctgtg cccttatgga 420  
 ctaagtaagg gtacagaatg cagtctctgt ttgaagagct gttttaaggg aacatgcac 480  
 actttcgggt tcaaaaacaa ctgtacacat acatatctgc agtgtcttca ctgaaaatta 540  
 gagatagaat tagttgaaga gacttcctta attgctacat tgttttactc actgagcaat 600  
 atcagaaaact aaaaacatag attaataatt cactcactgg ttctattctt cttaaaaaga 660  
 gtgaaatctt tta 673

<210> 2027  
 <211> 678  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(678)

<223> n = A,T,C or G

<400> 2027

ttttcgaatt	cggcgcgang	anngtccac	gtgtagctga	gctgcatgca	ccaggcctca	60
gtttgcccc	agtccctgt	gtactctctc	atggcctgtg	gccaagaaat	gtattctctc	120
actttggact	taggagtcca	aagagaagcc	cagaaacaaa	attgcttgaa	cttgaatttg	180
tgtgcgtgcy	cacgtgtgca	cggtgtgtg	aagggtgtatg	ttttcggtg	ttctatgcgt	240
cactgtcacc	aaactcccaa	ataatagtaa	catttgttta	gatgatgtct	gctgacaaat	300
cacaaacacg	acgctaactc	gcaactctct	gtccactg	cacagaatag	ggcatggagc	360
ctggtgctgg	gtgtcagccc	atggtgttgg	gtgtcagttc	acaggctggg	taaggggagg	420
aaaataatcc	attctttgat	attagacatg	acccaaaatt	tcctgctggc	agccaaaggc	480
ctcctcgctc	agagaagtca	tctgaaaaaa	gctagcccag	gggcaggaaa	gggcctcang	540
ctggcgcccc	aaaaaggngg	cccatcagtc	actctgggaa	gacagataga	catcgtcagg	600
tctcttttta	caagtcaaga	cagtaaaatc	aaaagtaata	gtttctggca	ggaanaaana	660
aaattgctgg	anccgttg					678

<210> 2028

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(698)

<223> n = A,T,C or G

<400> 2028

nntttcgant	cggcacgagn	cagtcaggcg	atgnctgnct	cattgccttg	gttctcacct	60
cagagactag	tgtttcacca	ttaagtgtga	tatagcttag	tnttttataa	atacttggga	120
gtgaattttt	aactgggtca	tagaggattg	ttggatttca	gcaagtagaa	atcagtggaa	180
attagttctc	cagacacagg	gaagagacac	tagtagtaaa	acaaatggtc	tcctttggct	240
atagattaaa	gggagatagt	ggaacacaca	catttgctcat	gataaccctg	gctcaaagat	300
agaagattaa	aaaaagttat	gatggggcca	aatcatggag	ataagacagt	tgggaataac	360
tcttctttca	gcgctaggag	gagaatggag	ccaacatcaa	cagaattaga	gaagtcacat	420
agaaaagtta	gttatgtgaa	ggaatgcctc	ttgtggcaat	tttttaaaaa	ttgcatttta	480
tgatttggaa	ctcaccgtct	taaaataatt	ggctcttaga	aatgggtgtac	tgctacttaa	540
ccagaaaatt	caggggcaaa	aggggtaaat	ggtgggggtat	catttaccatg	gttggggagg	600
acatgtatga	anaagtttgg	aagaaaatgt	tttggantaa	agaataaatt	taaattctgc	660
taccttgggg	tctggggaca	tttgggaaaa	tttgggtt			698

<210> 2029

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2029

ccnttgagna	ctanggggnt	tnngaannnn	ccantcanca	tgaaactntn	tggcttgcaa	60
gacagggcaa	tagaggggac	cgtcacggag	ncaggccctt	ccacactntg	gcgtgcagna	120
ntgaagcacg	gncacnggcc	ctgcctacac	agagccaacc	tntgntccna	cacccctcca	180
ctgtaaaatg	agaataagca	ctcaggatgg	tttgtgagga	ttcactaaca	gactgagaag	240
aaatggtnac	ctaggctggc	acatgggaca	ctcccantt	nntctttttt	attttcctta	300

```

agccccagnt naancccttc tncntccttn ggtttcntga cangccattt cnntttaaat 360
tttcactttc anaanttttt aaaatnnnnc naaattnntt tnancatntn aatggattna 420
taaaaangtn naaatttttc atagtattaa antnntnntt tccgnccent ntantttnt 480
aaacaaaana atttctcctt ttntttccta aaataaccen ntntttcata tttnccentt 540
ngcctttttt tnantttttc ttcnnnnnan ntntancctt tgnttaactt attntttttt 600
nttccccnan ntttataagt ttttgtnttt ntgtcgtact cncntnnatn attcntngtn 660
ttagtcantt ttctttttan cttnantgnt ctttctnttt ccccnattt cttttntttn 720
attntanna aanncatatt tnttanntnt atnctctctn ctccctttaa ttaatcnact 780
cncnnccctn cntntttagt nc 802

```

```

<210> 2030
<211> 822
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(822)
<223> n = A,T,C or G

```

```

<400> 2030
ngtgacattg aaggntcngc caangaaaac aagttattaa taaaaatag tactgaatat 60
gacagtacgc attaggaatg ctgtgntnna atgcataaac atgtttacag tgggtccacat 120
gtgccaggag atgtgggaat ggctaccctt gaaaaatgct acttaaatgg ggtcctcatc 180
gcacaccata cacanacatc atctcacaaa tggattaaag acacttaaga cctgaaacca 240
aaaaaactcc taggagaaaa nacaggggaa agctccatga catcnagtgt ccgncnagga 300
tttttttttt ngacnntnac ncctatngaa anaannatnc catacntatt ntncngnncn 360
aatccnatnn ncnggaaang ccttttataa gcaatttngc cnttttttng aactntatgc 420
ataactttgn ncnaancntt cggacaaaan tggttaantn gttntcccaa ntntaaaccc 480
cctcttattg gaantggtn cccacaaaaa atccctngga aaaccnctt naataaaacc 540
tgganngtnc cccangnccc aaaggccaca annggggcgt caanggccct tgnaaantcc 600
cnaaaccana ttttnggaaa ggnnttgann gtccggnnnn gnanntgncc cggaaaantc 660
ggngannngt tannnaaaac cnnctntnt ccnaanantn ggggnnaaan cccccgtct 720
ttttatntaa aaaattacca aaactcnatt taggcttggg ggnggggggg caanntngcc 780
ctgngggggtc cccaaatcna cntggggaag ggntnnaaac cg 822

```

```

<210> 2031
<211> 674
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(674)
<223> n = A,T,C or G

```

```

<400> 2031
nctttcggga tctgcacgan ntttnntca tctggttttt gcatgtttga tgtgtttgtg 60
tgtgtgtggt gtttacagt ttaactgata ttaagtgaag atagattaat gtcacccagg 120
ttttacaaaa tcaaagaaat agaaataatt ttaaagactt ttggtacttg aattactttg 180
ttgtttttct gtcatttagt acatttatgg aacctcagaa ggtttgagtt gaacagaggc 240
aagttacagc agtttttttg gtgggagaat tcataagtca gcatgtgaat cttttgatct 300
catatatttg gagtggatg tcattaattg tgtttgtcac ggttaaggaa tagagaatta 360
atctccatcc cagtcttgct attcttctga aagccttag ctgccgacac catgggcata 420
aggaggtatc tcttctggct tctctttggg tgtggtagct aagttacagc ttaccttggg 480
aagatgagca gcttgaagc aacaaaaaaa cagtatagtt aacaaatgca tcgtcaacaa 540

```

```

acaaaacaac ccaatcaaaa aatggacaac agctttgaat agacattctn caaaacaaat    600
atacaaatgg ccaataagca tgtaaaaaga tgctcacatc attaattcatt agggaaatgc    660
caattaaaat cccg                                     674

```

&lt;210&gt; 2032

&lt;211&gt; 698

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(698)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2032

```

tntttcgaac tatgttagtt gtnccacacag gtgcaggccc tgggtgcttga tgggtccgagg    60
ccatctcctg ggccgcctgg cggccatcgt ggctaaacag gtactgctgg gccggaagggt    120
ggtggtcgta cgctgtgaag gcatcaacat ttctgggaat ttctacagaa acaagttgaa    180
gtacctggct ttctcctcgca agcggatgaa caccaaccct tcccagggcc cctaccactt    240
ccggggccccc agccgcctct tctggcggac cgtgcgagggt atgctgcccc acaaaaccaa    300
gcgaggccag gccgctcttg accgtctcaa ggtgtttgac ggcatccac cgccctacga    360
caagaaaaag cggatggtgg ttctgctgc cctcaaggtc gtgctctga agcctacaag    420
aaagtgtgac tatctggggc gcctggctca cgagggttngc tggaaagtacc aggcagtgc    480
agccaccctg gaggagaaga ggaaagagaa agccaagatc cactacccgg aagaagaaac    540
agcttatgan gctacggaag caggccgaaa aanaacgtgg agaanaaaaaa tttgacaaa    600
taccacagaa ggttcttcaa gaanccacgg gacttccttg gtnttggagc ccaataaaaag    660
aattgtttaa tttcttcaaa aaaaaaaaaa aaaaaaat                                     698

```

&lt;210&gt; 2033

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2033

```

ttttcgattc ggcaagagct taatgttttt caattgctca acgaaactgtc agccctgtca    60
gatatcatat atctggtaaa attaccctt aggaatgagg gggaaataaa tacatactag    120
atgaaggaaa actaagagag tttgttgcta gcagacctac cctaaaagaa ggctaaagaa    180
agttcctggc tgggtgcagt ggctcacgac tgtaatccca acactttggg agactgaggc    240
ctgccaagct gaggccagggt ggacagcttg aagcctggag ttcaagataa ccctgggcaa    300
taaagggagg cctcattctc tatttaaaaa aagaaagtcc tgaaacataa aggaaatcat    360
aaaagaagga atcttggaat attaggaaag aaggacaaca ggaaagagca aaaatgtgac    420
caaatacaag accgggtatg ttgactcaca cccgtaatcc caacacttag ggaggttgaa    480
gcctgttctc aagaccagtc tgggcaacat ggcgagactc ttgtctctac aaaaaataaa    540
ttanccangc gtggtgtcgt gtgcctgtag tcctagttag taaaggagcc taaggcagca    600
agattgnctt gccaggaat ttgaggtatt gngagccatg atcaatggca ctgcactncc    660
cctgggtgga gnn                                     673

```

&lt;210&gt; 2034

&lt;211&gt; 677

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(677)  
 <223> n = A,T,C or G

<400> 2034  
 ttatccactc tcaccagcat aatgggaccc agcatccctg ccaaaactcg ggaggtgctc 60  
 gtcagccacc tggcatctta caacacatgg gctttacaag gcatgtatgg agtttcttgt 120  
 gggcttgga ggtggctgtg aaggccatca gtgtctgaag cctgtacttg cccctcccca 180  
 ggtcctgtga gtggagagge acagagtgtt ctgggctagc tgagtgtgga ggctgggtgg 240  
 ctctgatgct agccaatcac tctacgctct aggctcacac ctttccacct tcgacttcgc 300  
 cagcagaagt cttgagttca atctcattgc gatttgccaa gttcgggtca tgtgtctcac 360  
 ccaatcacta gactgggtgc ggaaagctct gatttgccaa gttcgggtca tgtgtctcac 420  
 taggtaagag cagaggagga tcacccccag ggaagaccag agtgctcttt caagaagagt 480  
 gggacaatcg ctggatggct ctttgcacca ctactcctg ttctctgcta agggcttgct 540  
 gggactcaca aaggggtaag gttgtggcaa ctgccctgtt ttggggttct tgactttggc 600  
 ttgtgtccct gcagggaatg aagtttgtan ctgcccactc aanntccatg gngctaacct 660  
 tgggcctgaa tganctg 677

<210> 2035  
 <211> 670  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(670)  
 <223> n = A,T,C or G

<400> 2035  
 ttatcaattc agcncgagga ctctttnttc ctttgcattt tctttctcag tctgatctgc 60  
 ttcttgactt cctggaaacc ctccaaattt cttgatttct aatggcactc tttctagatt 120  
 tctagccctg tacgataata ttctttcatc atttcagtgg gcttttgag ggaggcggag 180  
 atccagggtga tctgtctaca ctattcagtc agaaagctgg atggtttttc tcactgttta 240  
 gctgtgactc atacttagaa agtggtttta atgtgaatat cttagtcttg gttgtacaat 300  
 tgaggtaatc ctcaattcag gttgctgtct ggacatttca tgactggatt taaaaatatt 360  
 ttttaaggcca ggtgcgggtg ctcatgcctg taatgccggc actttgggag gccgaggcgg 420  
 gtggatcacc tggggtcggg agttcaagge catcctggcc aacatgctga aaccccgctc 480  
 ctactaaaaa tacaagact atccgggcgt ggtggcgggt gcctgtaatc ccactactgt 540  
 ggaggcagga tggatcactt gaatcccgga ngtgggggtt gcaatgagcc canaaccgtg 600  
 ctgctgcctt catnctangt gactgagcac tacttcatte taaaaaaaaa aaaaaaaact 660  
 cggcctttta 670

<210> 2036  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 2036  
 ttttcatgga atttactttt cttctagact ttcttttgca atggaacgtt gctttgtgtg 60  
 tgatttggtg gaataacaac caatacacia tgagcagtct aatgtgtagt catttggtgc 120



```

tctgtgttca agtgtgaaat ctctatcagt gcccaatagt aagccagggt ctgcttttca 180
tatagaaaat gggtgctgac agaagaagat gtggccgtac tccagggtgg ttctctatgg 240
aggcttgtga gagtctctat acagcatcca tgactgccac cggcacttcc aataccatta 300
gttatcctgg taataagagt ctcactcaaa agtagcaacc ttacaagtta attaaattgg 360
tcatttcagc tcattgagct gtggtatctg tcacctcaaa aatgcagagg cgctccaagt 420
cttgcacctc cttgcaatgg taacatttgg gtgagctat aaatgaagtg agaaaacaag 480
cccnnnnaan gaaaaaana naaannangg gaaaaaaaa aaannanaan ncccccccc 540
nttaaaantt nngggggggg gtttttccng aaaccncnt tnnaaaaaac cctttggng 600
nanntgggcc anaccccncc ntaaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nntnnnnnnn nc 682

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&lt;210&gt; 2037

&lt;211&gt; 670

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(670)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2037

```

ntatcattcg acgagggcaa aggaactaaa gaagcctaata gaagacatgt gcttagcaga 60
ccaaaagcct ttgccagagt tgcctcgtat tccaggactt gttctctctg gaagtacatt 120
ttcagactgt ctcatgggtg tgcagttctt acgaaacttt ggtaaagtgt tgggctttga 180
tgtgaatatt gatgttccaa acctgagtggt tcttcaagag ggattgctaa atatagggga 240
cagcatgggt gaagtacaag acttgcttgt gaggtcctc tcagctgctg tatgtgatcc 300
aggcttaata acaggataca aggctaaaac agctcttggg gaacatttgc tgaatgttgg 360
tgtgaatcga gacaatgttt ccgagatttt acagatattt atggaagccc actgtggaca 420
aactgagctt actgaaagtc tgaagaccaa agcttttccag gctcacactc cagcacagaa 480
agcttcagtc ctggctttcc tgatcaatga actggcatgc agcaagagtg tggtcagtga 540
aatcgacaag aacattgatt atatgtcaaa cttgaggaga gataaatggg tggtagaagg 600
aaactncgca agctcagaat cattcatgct aaaaaaacag caaaaaaaca cttcaggtgg 660
cattgatctt 670

```

&lt;210&gt; 2038

&lt;211&gt; 677

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(677)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2038

```

gttcattcgc acgagggggg ttcaagaacg tgctcttggg gaaggacgtc cgctacttgc 60
acttcttgga aggcaccggg gactatgagt ggctggaagc actgcttatg aatcagacgg 120
tgatgtcaaa aaaccttttc tgggtcaggc acagacccca ggaagctttt cgggaagccc 180
tgcacatgga caggtacctg ttgctgcacc cagactttct ccgatacatg aagaacaggt 240
ttctgaggtc taagacctg gatgggtccc actggaggat ataccgcccc accactgggg 300
cctctctgct gctcactgcc cttcagctct gtgaccaggt gagtgttat ggcttcatca 360
ctgagggcca tgagcgcttt tctgatcact actatgatac atcatggaag cggctgatct 420
tttacataaa ccatgacttc aagctggaga gagaagtctg gaagcggcta cacgatgaag 480
ggataatccg gctgtaccag cgtctgggtc ccggaactgc caaagccaan aactgaccgg 540
ggccanggct gccatggnct tcttgctgc tncaaggcac angatacaag tgggaatctt 600

```

tgagactntt ttgncattt nccatggntt anactaaact tcaagccctt taggaagttc 660  
caagggaaca ctttgaa 677

<210> 2039  
<211> 677  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(677)  
<223> n = A,T,C or G

<400> 2039  
aggtgagcct agggacccat ttctcctcct ttgacagggg catcagtggg gccttctcag 60  
acccacaggg gtccttggtg aattttgtca tggttattta aggaaccttg cctagaagtc 120  
ccaacttgca gttccccatc gacgggaagg cttggactcc aagatgatta taaaggaata 180  
tcggattcct ctgccaatga ccgtggagga gtaccgcacg gccagctgt acatgataca 240  
gaagaagagc cgtaacgaga catatggcga aggcagcggc gtggagatcc tggagaaccg 300  
gccgtacaca gatggcccag gcggctctgg gcagtacaca cacaagggtg atcatgtggg 360  
catgcacatt cccagctggg tccgctccat cctgcccagg gcagccctgc ggggtgggga 420  
ggagtcttgg aatgcctacc cctacacccg aaccagggtc acctgtcctt tcgtggagaa 480  
attctccatc gacattgaaa ccttttataa aactgatgct ggagaaaacc ccgacgtgtt 540  
caacctctct tctgtgggaa aagaaccagc ttgacaatcg acttcatcga catttgtcaa 600  
aagacccttg ttgcccaca accgaggtnt taagaacaga aagaaggacc cccaagcttg 660  
ttncaagtnc aaccaaa 677

<210> 2040  
<211> 686  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(686)  
<223> n = A,T,C or G

<400> 2040  
ttttcgattc ggcacgaggg gaaaacaaaa ggtaannnga ggggtgctgg gagaacaaat 60  
aggaagaaaa gggaaaaccc agaaatagta attgttagta cccctgctac ttgactgttg 120  
aaaatgcttt aaaagtgtgt tctgaattan gagaaaaggc gctccctcaa ccaggctgaa 180  
actaccacca gtgttggtgc cagaaacctg gagcaggaag gagctgcttc tcccctccgc 240  
cttccagtca cccaccatta atacctgcta ttggcaaggc ccatctggat ggcagatggc 300  
aaagcancct ggaaagtggg gtttaccac ttctacctcc tacagtatat agtggagcac 360  
agcnaantgg aaaaggaggg cgggcgcggg ggctcacacc tgtaatccca gcaatttggg 420  
aggccgaggt gggcanatga cctgaggcca ggagttcaag accagcctgg tccaacatgg 480  
tgaaaccctg tgtctactaa aaatacaaaa attaaactnaa cgtgggtggg ggtgcctgta 540  
atccagctca ctctggaggg tgaggcagga gaattgcttg aacccgggag tttggaagtt 600  
tgcaatngag cccaaggtca cgccactgna ctttcannct tgggcaacaa agccanggaa 660  
ntnctctna aaaaaaaaaa aaaaaa 686

<210> 2041  
<211> 710  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2041  
 tnncggntg acnttgccca tgatggtgcc tnccctgat atctggagag atnataaaat 60  
 acattacagt tagagtcaac aatcaccact tgaagaaatn ncttnaacac aaagcctgat 120  
 aaaatttaca tctggtaaat gtctatttaa gctactgcga aacacatata cttaaaaaaa 180  
 aanggccttt tcattgnctc aatgtcttga aggctggaga ttgtaaagca cttccctaaa 240  
 gttcctatga gcaggatgag gctatttgcc tttatagagc tntagaacta ataagcaatc 300  
 aaaggggatt ttgaaaaaag cctataactt ccaaagtgat aaactgngga aanattcatt 360  
 ggacctgtcc canattanct gaagtatcca gatgctaaag ctatgtgtga naggccaant 420  
 acgngggctc atggctgnaa tcccncactt tggaaggccc gaggggncg gatcaccttg 480  
 aggtcgggag gncganacca ctcttgacca acatggagaa aaccccgnt ctactaaaaa 540  
 tncaaaattc tccanggcgt ggggtggcgc atgcccttta aattctnnag cttcttnang 600  
 gagggcttga ggccaaggaa aaatttgctt tgaacccccg gaaanaaagg gaaggtttgc 660  
 cggtgancn taaaataagc cnccanttgg cncntcccaa cctggggcc 710

<210> 2042  
 <211> 1022  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1022)  
 <223> n = A,T,C or G

<400> 2042  
 cntntcgaat tgggcacgag aattgatttg ctacntgccc tagnaatgat acacgtatgc 60  
 ctacagtattg ccaccaagnt accnctgtgt tcttntaana atgagnctn aaggggggna 120  
 nttttgaaan ngtaatanaa aataccnna natgtncnan gntatnaaaa ngagtannann 180  
 cccnantaan acaaanantt gtatatnttt tcttntntnt tncnnntga nnnnncgnnt 240  
 aanttnnnna gcntncaact ntannngtgt nancnttct atannngtna tatnnattng 300  
 ntaatcnttc attttanaca acttatataa nagntcantt acntatggan nnatnttant 360  
 nnntntntta ttaancagnc ntanaanncn nnnnnnagnn nntnnatntt atttntnctt 420  
 ggtntcngtc tctaagtgtc tanngcttga tnnaccnatn attnnnncnaa tttatgttna 480  
 tcttnttcat acnaatnttt tnnannnaca ngtcantaat ncattttcta ttngtncnaa 540  
 tanntcttca ctannatnca tnnantntnn ntacatntnn atntcngtgn nctcncnta 600  
 ctntntnatt tnangngnat nganaggaca ttatnttatt tnnnaattcn tncntntgtn 660  
 aacaacanga tataagtntn nttataanan tcccnatncn tagtntacga natgagatta 720  
 ttagctgtgn gntangatnt attntntant atanacncat ncaacnttct gctanntann 780  
 catcagtnta tncntntnt catcgcgcta cctctntnnc cacaantanc nctatngtnn 840  
 nnntatntcg caatatatac atacncttc aacatncacn gnctaannga antttcantc 900  
 ttcgantanc atnnnnnaatt ntatctntcn cattttatca cgatacttct cnacnctgtc 960  
 atnnnnantn ttncaatatg ntntgctaca ntnganaacg ngntatnctg gtcacatcnn 1020  
 cg 1022

<210> 2043  
 <211> 681  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(681)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2043

tnttttcgaa	ttcggccgag	aattgatggc	agtgactgcc	ttcggctttt	tttctgctga	60
ctaagatctc	ctatagagag	ctacaacaat	gcccaaaaga	aaggctgcag	gtcaagggtga	120
tatgaggcag	gagccaaaga	gaagatctgc	caggttgctc	gctatgcttg	tgccagttac	180
accagaagtg	aagcctaaaa	gaacatcaag	ttcaaggaaa	atgaagacaa	aaagtgatat	240
gatggaagaa	aacatagata	caagtgccca	agcagttgct	gaaaccaagc	aagaagcagt	300
tggtgaagaa	gactacaatg	aaaatgctaa	aaatggagaa	gccaaaatta	cagaggcacc	360
agcttctgaa	aaagaaattg	tggaagtaaa	agaagaaaat	attgaagatg	ccacagaaaa	420
gggaggagaa	aagaaagaag	cagtggcagc	agaagtaaaa	aatgaagaag	aagatcagaa	480
agaagatgaa	gaagatcaaa	acgaagagaa	aggggaactg	gaaaagaaga	caaagatgaa	540
aaaggggaag	aagatggaaa	agaggataaa	aatggaaatg	agaaaggaga	agatgccaaa	600
gagaaagaag	atggaaaaaa	aggtgaagac	ggaaaaggaa	atggagaaga	tggaagaga	660
aggngaagat	gaaaagaggn	t				681

&lt;210&gt; 2044

&lt;211&gt; 649

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(649)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2044

ngagaactan	gnnantgana	nnnnnnantn	nantgncctn	tcngnatgcn	nnacagggca	60
gagaggggac	gtcagcccca	ggcccctcca	cacctcatgt	gcagttctac	agcacgggca	120
caggcactgc	ctacacagag	ccaacctctg	agcccagacc	cctccactgt	aaaatgagaa	180
taagcactca	ggatggttgt	gaggattcac	taacagactg	agaagaaatg	gtgacctagg	240
ctggcacatg	ggacactccc	caagatgctc	cttttccatt	tcctcaagc	ccagagtaaa	300
ccccttcgac	ctccttggtg	ttcgtgacag	gccattccag	tttaatttca	cttcagatct	360
tgaaatgtcc	aaattcttca	cctggaggat	agaaaggaaa	tctcaggata	agtttgttgg	420
cctcatttga	agaaaagtac	cttatagaag	agccataaga	atgacgtggc	tttcattcac	480
tcagcagata	cattggggacc	atctcttggt	cccaccttga	gcttggttan	gggtacanga	540
natggggtcn	ggcacnctgg	gaactaanga	ggtctgaacc	cacctggggg	atggangact	600
gnctggangt	ggaggccaaa	ctgaatgaat	cacacaggct	aagtgggga		649

&lt;210&gt; 2045

&lt;211&gt; 654

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(654)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2045

ttgncnattc	ngcacgaggn	ganatnnaag	gntaggccna	tgnagangag	gaaatgaagg	60
ctaaagggtca	tatatctaca	aagtggggag	gtcagacttt	gaaccacaaa	cctgactgtg	120
gagccacttc	agtatactct	ctcccataa	gaaagttcca	atagaaaaaa	aatgctactt	180
aagtggggaa	atcacaaaat	aagtgccaat	gaacaataaa	tggtcaacct	cactacagtt	240
aaaatgtata	ttaaagcaag	agttgagatg	acacttttcc	ttataaaaca	gacagggatt	300

```

cagggacatt gggactctaa tgctgctggt aagacatgaa taaatacata ccatctctgg 360
caatcaatac cagaagcttt aagcattgcc ttttgacttt gaaattgtac ctggaaatgt 420
atgtttcagt aaccatcatg aatgtcaca aatcctgaaa ctcttaaaac tgatgtcaca 480
ggccaggcac agtggctcat gcctgtaatc ccacactttg ggangctgag cgggtggatc 540
gctganatcg ggagttcgag ancacctgac aatatggnga accccgctnt ctaaaaatca 600
aaacaattac tggngtgngg ggatgtgcct gngnccaact cttggagntg nang 654

```

```

<210> 2046
<211> 708
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(708)
<223> n = A,T,C or G

```

```

<400> 2046
ntttcgattc ngcgngagag atggctctta agacactcaa taaatatact tattgaatta 60
gtagaacttt tcccatgnat ctccatttac tacattagga tctttgttcc cttagtgtgt 120
ctttagcctg tgctctcaca agctttgtgg tgcgtgtgg atcacaggat cgtttaagat 180
aaagatactt ttagctcttt aattctggta ttctattatt ggtacaggga acccatacat 240
tatcttaatt tcagagtaac acacgtctcg gcatgggaca gggggtgtcc taatgaaaag 300
agggctaaca ggtggaatac tgactatgtg caggcactgt ataaagcaag tagtttttaa 360
atcccatctg cagggtgagga aaccaaggct caaagggtat aagtcattgt ccaaggctat 420
gtagttgtta atgagtgaat ctgggtttta aaataaatgt gttaaattcc aggggtgata 480
tttgactggt gcatttatnt acttttattt gaattttttt tttttgcant ttactngcn 540
gccanaattt ntcntttgtt caaccaccaa aacatttttg gttccccact tggcttttnc 600
cactttggcn ttcccttant ttacanaaaa ngggggggga aaanaaaacg nggggggacg 660
ggatntnta aacccctgt nanaggancc acaaggggna ttggcttn 708

```

```

<210> 2047
<211> 676
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(676)
<223> n = A,T,C or G

```

```

<400> 2047
gttcgtaccc ccatacnctc cgtccccgc cggcctacca ctatctagac acctcctgcc 60
ctctccatat ggctccgggg gantgtttcc ctccctagnc cganttctcc aatnnacagc 120
aacttcctgc ttctccagca agtcgcataa gaagaactgg aatcttgaca ctacaactcc 180
tgacaggacg cccctgcggc atccagagac aggaagcca gtgctgctct gcatgttcag 240
ggcgagtagc tgagagtctc ctccggcct ggatactgag gaaggtgact tagactttct 300
ctccgtctc tgagtcgtaa cggacggaca cgcaagggcc gaggacgggt acaagcagca 360
gcgactagaa ctgatctggg tgagatctag gcctcagcaa caactgacgc aaaaagattt 420
tgttctagga ttggctacag ctgaaactac cgcgcttgat tcaaagctcg gggcttgacg 480
cgggaggcag ctggctctc ctctgaaccc gcccttttg ctggcccaat ccgctgatcc 540
catctcttta ngccctgccc caaacttcca aatctaccag aattaatgct tccagcgctt 600
gtttgacca ctctgccta tgatttgntg gggngactaa ctactccggg ggggggnccc 660
gcnattagaa cgcttt 676

```

```

<210> 2048

```

<211> 656  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(656)  
 <223> n = A,T,C or G

<400> 2048  
 tatccacac ctgctgtgct gggaaggccg aggatggggg cccagcactg tccaggcctg 60  
 ctggggcctg gctgggagtc ctgtgggcag catggaacat gcagctgggc ttcctgtgac 120  
 caggcaccct ctggcactgt tgcttgccct gtgccctgga ccttttcctg cccttctcct 180  
 tcctctgctc ccttggggct accccttggc ccctcctggt ctgtgcaaac tccctcaggg 240  
 agccccctg ccctgtagct ctcaactaac ttccctagggg ctgctgagcc caccagagg 300  
 ttgttgagtg tcagcggggc agcttgcttc ccttgtcagc aggggcgtaa gggctgggtt 360  
 tggccataca aggttggtta cgccctcaat ccttgaccgt tccaggcact gagctgggca 420  
 cccacggaag gacatgctgt ccnactgtg atgactgcca ncacaaggca tctcgggctt 480  
 ggctgggtctt gcgagcctt gccctgtgga actctgggtt cctgttttct catctttttg 540  
 cggctttttg tgtgggtggg anctgccgta ttcagcttgt gtcggncact aaangaggct 600  
 gtggtgcan catgcaagaa actgccttgg aatgggcctt ctctgggctg gcctcn 656

<210> 2049  
 <211> 669  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(669)  
 <223> n = A,T,C or G

<400> 2049  
 tttcnttggc ntaggaccan tgacttccct gcacgttcag ctttctcctt tgtgaaatgg 60  
 taatagaagc acgctgcact tgggattctn gtggattaca tgtgagggtc ttagaaacac 120  
 ttgatgtgta agccaactat tatgtattac tgtatatgga acacaaggga ttagcctaaa 180  
 actaaatgca agtttgtgcc tcagatgtct tcctatcaga acagagtcaa atccagattt 240  
 tgatgcttaa atgtgacagc ttattcagat ttagaaaaac ttttggatg ggccaaagaa 300  
 aacatatcct taaggggata tggcccttag gccctcattt tccttttctg ctgagcaatt 360  
 aaaaaagca ttaagtaaatt tccacaaatt ctttgggaata cctagagata aacagatata 420  
 atgttaactg tatgataata agttagaata cttgcaacaa aatgcagagt tttctaggaa 480  
 aacaagtaat cattcagaaa taagaatatg aatagttcct cagttctccc cctttgtgga 540  
 atttgtgcag taaatgctgc tccaaagctc tgtggaaaac agaagcttnc catgaaaaat 600  
 ctgacaaggg tatctctcaa aaagagagct gtaatnccan cactgtggga ngctgagggtg 660  
 ggagtattg 669

<210> 2050  
 <211> 674  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(674)  
 <223> n = A,T,C or G

&lt;400&gt; 2050

natcgcgcg	gcggtggtg	cttgtggtg	ggcctcacca	tacaggaaca	gggcagacgt	60
tagcgtgagt	gatcactctc	aatccccggg	acctgggtgg	cttagtcttt	caggtggaac	120
ggtgtgcgac	atgggaaaaga	aaaccaagcg	gacagctgac	agttctcctc	cacccttgac	180
aaccactcac	cattttacta	cttctatctt	tttgactttc	caagaatgtc	ctagagttgg	240
agtgttacag	tatgtgggtt	tccagactgg	cttctttcta	gcattatgta	ctttaagttc	300
cttcatgtct	tttcatggct	tgataacttg	ttttttaaaa	tcagtgaatc	agatttcctt	360
gtatggctac	aacagtttgt	ttattctttc	gcttggtgaa	agacatcttg	ggcacttcca	420
agttttggca	atgatgaata	aaattgctgt	aagtatttct	gtgcaggatt	gtgagtgaac	480
ttaaagtttc	caaagtgact	gtaccctttt	gatttccact	agcgatggaa	agttctcggt	540
gctcctcatc	tttgacagca	tttgggtgtg	cacctttttg	aattttaacc	attctaaaca	600
gcttatctgc	ccctactgng	gaatgatgtg	acagacatag	aatacactta	cngtggattc	660
tagttcaaaa	tgag					674

&lt;210&gt; 2051

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2051

ggtcgnccta	tcctcccccac	ctgttagaat	tctattttatc	tttccagtct	tagttcaaat	60
accacttggt	tctatgaaac	tttcttaact	ttccaacaca	aattcacctc	ttcattttctc	120
tattccctta	gcagtttgct	cataacttta	ttatataatg	attgcactcc	aacttggatc	180
ttagctaatt	acgtacctgc	attccacact	agactgcaaa	cttgaggaag	atgggtgctg	240
tggtcgccct	caaaccgtat	gtgcctccca	taggacacaa	gagttggtta	tgagggtgtt	300
gtctagatga	aattatatag	catctatcct	tcttgaattg	gctttttgcc	tcagcacagt	360
tccggggaga	ttcagcgagg	ctgtggtgtg	tactaatcgt	tctttccttc	ataaccaagt	420
ggtgctccgt	ggtgcanagg	tgctgcatgg	taaccatcca	cctgctgagg	gactcggtgg	480
tcccaatttg	gggctattct	aaaataaaac	tgggggaaca	ttcatacaca	agattttggt	540
tggaacataa	gtcttcattt	cttttgggat	gaatgggcan	gggttcaatt	tttgggnctt	600
atganaagna	tatgtttaag	ttttaaaagg	aactctcaaa	ccatttttnc	gaacaaaatt	660
tgacattcac	agt					673

&lt;210&gt; 2052

&lt;211&gt; 1282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1282)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2052

taaaantanc	canntncaat	ttnnannnnn	angnnccatnn	nnttggtcac	nttantantn	60
naccatnnta	cnttactcca	ntnnnnnnac	aantattact	atatcacatc	cacgagtatc	120
actaanncac	tcatcacann	gcgnagnacg	netnaatgcn	ntatcaanna	ttatattnat	180
ctannntcnc	atnatanana	canganaga	acananncnc	atnnantnat	acatanantn	240
tctatananc	agatagntna	anaantgggg	ntgnnntacc	nacngtaccn	ccnntcctcc	300
tttgacaggg	tacatcantg	gagccttctc	agtaccacaca	ggggctcctg	gtgaattntg	360
tcatgggttat	ttaaggaacc	ttgcctagaa	ntcccaactt	gcagttncnc	atnnaaggga	420

```

aggcttggtac tccaanatga ttataaaang aatatttntt gncctttgtt tangnntgca 480
cttganentc ctnacgntna ctcttcncta gatncnnnnn annagcccna accnntcacc 540
nlnatentcn ngantengan nntctacact ctncnattca atnttcgnca ntentnggac 600
acgntgntag tctanttang cnttntnat tnnncnana tnancantan tctnnncang 660
tnnacaatnc cccaaatcna gngtnatang antttnantc cnntnannnn aaantnaanc 720
acnnenttnc nncatattan ntannnaann tataatatat tnnnacaagn ntacctatta 780
ncanattatn acacnactng nnaccccata tatctatncc ntacnnntca tanttctaga 840
caatcttcan cmtattacn catcatcanc ctatgtcntc taancttatn atnntcanag 900
actannatta anttanagan atcntataca tatncnatcc tcanctaate atatgnnann 960
nactctncan catnngntca tacttntacc atatacaactn natcnntnag ttngnangga 1020
tantntaan tntccanac nantnnanac anactctact tcntatntnt agatctnaca 1080
ancgtttact acanagtntc acatncnnan ctncngaaat cnttccatnc actntacgna 1140
ttctccnnat atattctaca tactcacaca cacactncat anacacatnn ctctctata 1200
catttcatac atanatantt actcncctcn atcccnttng ncannnacct ctnatctac 1260
gtatcgtca nactctttct cc 1282

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&lt;210&gt; 2053

&lt;211&gt; 726

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(726)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2053

```

tttcattcnc ncgagggtat canaagccaa gcccgagctc aggtgttttg attcacagcc 60
ctttataacc attatcattt tgaatgaaaa gtaaatcact gnttcttagt gatttgggca 120
tgtttcctga gttaagggtat ctgtctgaca tccgtggtaa gccttgctct angtganttg 180
nggntaaana cttgtcccag atggagtggg aggacatgaa ggatgaggaa ctaccttcag 240
gaccttccag tccataggca gaggtggggg aaattcacag aaaaacaaat gagttaaagg 300
gatactgcag tagtgctggg aaattcagag ctgtttaaga cctancattn cccctggtag 360
gaaaggcaat caaacacaca tctgactgtc agactgcaaa gttctacagc ggaagaaaga 420
aaagggtgat tgtgaaatga atagactttc cacagaggaa gcagaataac cagtggaggt 480
ggggagatcc ncattttggg gaaaggaaag agccatgaaa aaaagaaggt agaggccnca 540
aaagtaccaa ggggtgtgctt caaanaaaan acttggggac tttttgattg tgacttggga 600
cttgggantt gaaaaaanggt gccantngga anttggnaaag gggttnggga aggntgaaan 660
anttgaaga nccangaaan gggggaaaat tggggagncc cnccccaggt ggaagccnc 720
ccttcn 726

```

&lt;210&gt; 2054

&lt;211&gt; 640

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(640)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2054

```

nnnnnnntag acnttcccat ggtggggcct ggccctcacc ttgaccaaag ctgctgtgtg 60
gcagctcggc ctctctacga ccccatcttg gtggctgcac acttttcctg gcccgacccc 120
ccatccccag tccctgttcc ccaagaggat acagagcacg gtgctggctg actcaactgt 180
gcgtcccagg ttcagggtct tacagagctc caccctctgg ggtcttacct cactgggaat 240

```



```

gtgttttgaa aatgaatttg gagacaagcc aacaaaccct gcactccaaa aaagcaaaac      300
agaccctaata ttttttgtgc caaaaactgt ggacatgctg gctcagcatc ctcaggacca      360
agttgttgct taatttattg ntttttaata actaatccag ataaaaaaag ttgtggggct      420
tcaaggggtga cctgggcccc aaggttctga agggcagtnn ctggcagccc cagcttgctt      480
tggggaangg gccgtgccgc acttttcata ttccatgggg nggtctgctg ggccaactct      540
gatgagaggc anggtgggga cagtccattt gcaccctctg ccttcaccac cacttatgtn      600
tgctgaatgg gatcggnacc atggtatgng gactgggaac                                640

```

&lt;210&gt; 2055

&lt;211&gt; 692

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(692)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2055

```

ttntcgattc gcacgagaat tgatttgcta catgcttaaa atgatagagg ttgctcagca      60
tttttgagtg acaagggggg cagagagaca tgtgatgaaa attacagggc gagtacagag      120
atttagaagg gaacggggtt taatgcgagt atctttgaca gagtcttgct ctgttgcccc      180
tgctggagtg tagtggtgct cgctgcagcc tcacattcaa aggtcacaagc aatcctccct      240
tggcctttga agtagctggg accacaggct catgccacca tccctgggtc atttttaaat      300
tttttgtaga gaggggtctga ctcttgccca tgctggcttc aaactcctgg gctcaagcaa      360
tcctccttcc ttggcctctc ctgaagtgtc gggatacagt tatgagccac cacacctgcc      420
aaagtgcctt gtgatactat gcatttgctt aatgcagatt gggaaactta aaatttgaat      480
ggagattatg ttgatgggct ttggcaagtt catttgata gactgggatg anaagctctt      540
gggacttggt actgggcccc aacattccag tattttaaaa taaaaattaa gcccttatta      600
ctcccnttca tnaaaaagcc aatccctatg ggtanggaac atgggagggt ttgggnaata      660
atggcaccgg aaaaggnggc caccttttct tt                                692

```

&lt;210&gt; 2056

&lt;211&gt; 679

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(679)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2056

```

tctnaanaat tcggcacgag aantnatttg ctacatgctt aaaatgatan aggttgctca      60
gcatttttgg agtacaaggg ggtcagagag acatgtgatg aaaattacag ggcgagtaca      120
gagatttaga agggaaacggg ttttaatgag agtatctttg acagagtctt gctctgttgc      180
ccatgctgga gtgtagtggg gctcgtgca gcctcacatt caaaggctca agcaatcctc      240
ccttggcctt tgaagtagct gggaccacag gctcatgcca ccctccctgg gtcattttta      300
aattttttgt agagaggggc tgactcttgc ctatgctggc ttcaaaactcc tgggctcaag      360
caatcctcct tccttggcct ctctgaagt gctgggatac agttatgagc caccacacct      420
gccagtgtct ttgtgatact atgcatttgt tcaatgcaga tngggaaact taaaattgaa      480
tgagatttat gtgatgggct tttggcagtt cattggataa actgggatga aaaactcttt      540
gggacttggt actgggncaa agcattncag tatattaaaa taaaaattaa gccatattac      600
tncactcata aaaagcaatc ctatgggaag gacatggaag gttggggaat aatncaccgg      660
aaaggnggca gctttttttt                                679

```

<210> 2057  
 <211> 535  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(535)  
 <223> n = A,T,C or G

<400> 2057  
 tcacccctgan nctcnanagt cgaccngcan gcntgcaagc tttntnnnca aagaaggggn 60  
 gtgctggccg gnnnggattc ccccagccaa actgtctttg ncagcacgtg gggctcactt 120  
 gtcacccctc cccaantntc ntaccccccg tntaggtttg gacagccccc ttcggttaca 180  
 ggaaggcagg aggggngagn cccctactcc ctcttctactg gggccacagc ccccttgccc 240  
 tccgcctggg atctgantac atattgtggg gatggagatg cagtcactta ttgtccagg 300  
 gaggcccaag anccctgtgg ncgcccactga nggtgggctgg ggctgctccc ctaacctact 360  
 ttgttttcga ctnaccattc cccctctanat ggnacaatac aagantacct gccgtccacc 420  
 ctctgtctct gccagttgt cattcttgta aatacttgaa gtggtgtttg tatgcatctc 480  
 ancgatgtgt gtcacncaat gtatctatgt ctgctgcagn cctccaaatt tggga 535

<210> 2058  
 <211> 682  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(682)  
 <223> n = A,T,C or G

<400> 2058  
 aaactgcann naagatnctt ccagttcttg gattnctagg tggagtaata ttttctgtn 60  
 caaattatctt ccatgttatc ctccatgggtg gtgttgccan naatggatcc actatagcag 120  
 gncacagtg cttgncacct ggactccaca taggactaat nattatactg gcantaatga 180  
 tctataaaaa gtcagccact gatgtgttng aaaagcatcc ttgctttata tcctaataat 240  
 tggatgtgtc tttgctaaag tctcacaaaa attagtggta gctcacatga ccaaaagtga 300  
 actatatctt caanacactg tcttttttggg gccacgtctt ttgttttttag accaggactt 360  
 taataatttt atagacgaat atgntgttct atggatggca ntgggtgattt cttcatttga 420  
 tatggngana tactttaatg cttngagcct gcaaatttca agacaccttc tttaantata 480  
 ttcaaaactg catgtcatca ancacctgaa caagntcaaa gttcnttctt caaagaagtc 540  
 atcagaaaata accatgggan tggaaganac ntttcnaac acttgctatc ntnttgctgc 600  
 tgetggttcc nntngagggg aaaattaaac catttggtta aattttaatt taaggggtat 660  
 tncctatctt caacnaata aa 682

<210> 2059  
 <211> 699  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(699)  
 <223> n = A,T,C or G

<400> 2059

```

cntnncnagc ggnanagacn tntccaataa tgnnggatan gcntntacta agnncacaag      60
acttnanngn natnnatngc ngagnatcac tgcncctnan angattacca cgtgangagc      120
tatatcctca gactctagt ctgganaacc tgcgaataaa aattaangat ggnctacntn      180
ncttaacatt taacacctgt atggcccnaa aatntnttg cttgctacta tgcacataac      240
taatgactat cttgcgcata tgataacctt ggnccacaanc caaanactgg gtnntncngg      300
gaccngacnt nanntnctag cnnngggcgt tggacacnnt anccttgtgg aaacaataan      360
aaaccattac ntgncccatg nccctacnna cccatgatan gccaggagg ngccagggtac      420
ntgagggtga ctagctacnt gaggtgggcn ncatacntta cttntcact gnagtngngt      480
ttgggtnaaa ttttaaccen nttacnccan tggtagtcat ncngtgatgg ncnatcacan      540
cagcaagnat ganctcaagt agccctaaat gctcnangca acctcttntt ntgaggaaag      600
accttnactt tntggnggng gnanaaactt tacagnnntt tttgggaacg anttaatgtg      660
ggnctngctt ttttgagaag gccagncctt ncantacca      699

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<210> 2060

<211> 701

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(701)

<223> n = A,T,C or G

<400> 2060

```

ccagagtcna ggctgagagg atgcaggtgt cctcctagga ggtttgagtc agaaggcacg      60
aggcagaagc agtgggggag gactccctca gtagagcgag gaggaggccc ctcatccaag      120
aggagggttg agcacagggg ggtctagggt tgcagtttcg ggaccggtag ctgaggggtc      180
ccagggcctt tcttctgtga aggagaaatgt gtccaccgtg gggagggggg cgggagagag      240
agatacttca gaggggacag ggctgagaaa gctttatggg ccgcgaaagg cagagtantt      300
gttggtggat gagggtgctt gtggcangtg gcgtttcatg tgagacagct cggggcccan      360
aaagacactg ngaggaggag agctcctgct cttcaganaa acaggagcnn anaggaaaaa      420
cangaanccg nancgagccg gcttgnggtc ttggggatga aaccaagnt ttacagcatt      480
ctnttgnctt tnncttgggt ggaggtnggg gggccattat ttctncccc ctggtcttgg      540
gtccttttcc cttgcccanc cnaangggaa aaacaagaac cccttcccc ttttncgct      600
tcaagganta ttccaaaaac tgtccaaaat cttttnnngt tggaanntta aaatttcntt      660
aattccccct tgtantttta aaaannangg tttcaagatn t      701

```

<210> 2061

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 2061

```

agnttcgatt ccgcacgaga tacatccacc ttcangcaan cgnaaactgg ncaaccagta      60
tgagaaattc cacagtccaa gggaaagaga agagtatagt gactgaggng ggtctctctg      120
tccaacatgc aggcagcact ccctcatcct gctcagtgag agaattcagg gggaaatagaa      180
aagctgctga gagttggtaa agaggatggt cgagtggatg ggtgttgacc tccctggatc      240
ttatgtcact acatcctgga cctcaagagg gtcacccaag ctttttgaaa gctgaactcc      300
ttgactggag aaacctagac aagaggcggg gccagggtgt tgatatctag gaggcattct      360
tcctcttccc ttgccaccat ggagctgggg acagtaagcc atattgtttc ctgaagcagg      420
agtccagggc cttggctaga naggggaacag atgtctnaca aaaagagaag caattcgagg      480

```

```

aattgatgaa gcacaattaa aatcctctct ggctagtagc tctctggctt tctgttcatt 540
tgaagaataa atctttggct tgacagtggg aagcaccagg tttgaaatca gatggcttta 600
tttttctttt ttttggcatt taaatcagtg aaataaaatt attactggag anccacagtt 660
cgatttaaag agattcctca ccctgttttt caaagtcctt cttttnaaat tccatgcntt 720
gggggggttaa nnggnaaa 738

```

```

<210> 2062
<211> 743
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

```

```

<400> 2062
antttcaatt ccgcacgagg aanatatatn cntgaaggcc tgtggcctag gaaaaggana 60
cactgaggtg ntctctaccc aacatgtggn ccgtgctctc caaactatct ttgagctgaa 120
cgtccaggcc tttgcaggag gggccatggg ggctgtgaat gggatgcagc cccatgggtg 180
ccctgataaa tccagtgtgc agtctgatga agtctgggtg ggtgtggtct acgggctggc 240
agctaccatg atccaagagg gcctgacttg ggagggttc cagacagctg aaggctgcta 300
ccgtaccgtg tgggagcgcc tgggtctggc cttccagacc ccagaggcat actgccagca 360
gcgagtgttc cgctcactgg cctacatgcg gccactgagc atatgggcca tgcagctagc 420
cctgcaacag cagcagcaca aaaaggcctc ctggcctaaa gtcaaacagg gcacaggact 480
aaggacaggg cctatgtttg gaccaaagga agccatggca aacctgagcc canaantgag 540
ccgtctgaac tgtgggaagg gaagtgtctaa cagcccaacc tccaacctgg ncttttctc 600
cttccccttt gaacctctg caacctgaa cccntcagga caattcatac ccccttcctt 660
tttttccacc caattgttg ccaattaaat tgggggggtg agggntgacc ntaggcagca 720
ttaagaatca cttattttat ttn 743

```

```

<210> 2063
<211> 672
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(672)
<223> n = A,T,C or G

```

```

<400> 2063
gaanccactg ctgcgcaccc tggagatggg tnggggaccc tgggctcccg ttaatgttgt 60
tgtggctcca gatgcctnag aaataacttc cagagtcaac accatctgcg gaagtgcgct 120
gagacggtgc atgggctgga gacagagaca gccggcgccg aacataacctg gggctgcccg 180
tgcaaactgg ggcaagccct tcagcctcca tgtggctgct ttactatgga gaacagaaat 240
gactagaacc tgacttggtg ggttatggcg aggggtggcat gagatgagct ttgtaacaat 300
gtgtttgttt atgggcagca aaacctgac tcattgtctg ggttactaat atccaagagt 360
tcatcatcag cgataattat tgtcaatagt cgtaactgca aaagtctctt ttaaagctaa 420
aatggatgac gggccagtgg ctgtaatccc aacactttgc gaaggccgag gcggtngga 480
tcacttgagg tnaggaattn nagaccggcc tgggtnacaa tggcaaacc cgtntctact 540
aaaagtgcaa aaattaaccc aggggtgtgn gggcaagtgc cttgttaatc ccactacttc 600
aggaaggctg aggcaagaaa aatnacttta aaccnagga aggcggaatt tttccattga 660
gnccaanaat cg 672

```

```

<210> 2064

```

<211> 746  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2064  
 acctnecgtt caanaanctt attctccttc tcagcngcgn cgtctgnacg ctnattcctn 60  
 natcantatt nngtagacgg nccacccctt tannnacntc gnanmcatcc atcacgcttc 120  
 agcnnncggn gctntgncgg agnatngnct tntgtnnngc gnttcggnan gttcctgcaa 180  
 aaagaacaag tagattgcc aagaactaa ngttaaagaa cattncttcn anacactatt 240  
 aatgggctta ataagcanag gcaactgttt ttgtcanaaa acanaaggaa agaacttntc 300  
 canaggataa ttgtggagct tgttgaattt atatctccca aaacccttaa acctggagaa 360  
 cttgggggaa gaatatctgg gtcagtggct tgganagtac ccgaggtgaa atgggtctac 420  
 anagaaaaga aaccttgttt attccctgtg aaaatgagaa gatttttaaa cagcttcccc 480  
 tttgttacaa tattgtgaaa gatcgttatt gttnagtgtt caaatacaat caaacattt 540  
 cttggatggg gagaatggcn tgtggaaaat ggaatctnta ttccanaaaa agttgnaaca 600  
 gactggcaca tggatttttt tggcccccnaa anggaangga tcatnttttt cttatttttc 660  
 cttggaagtt tgantnttgg gtcaanttgg ccttaaaaagt aantaccntt ttctatttaa 720  
 aacaagtntt caaaactttt taaacn 746

<210> 2065  
 <211> 1005  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1005)  
 <223> n = A,T,C or G

<400> 2065  
 tttnnnnnnn nnnenattnc ccannnnnnn tnnnnnnntn nnnnannnnn nnnnnnttan 60  
 tnnnnnnnnn tntnnnnann anntnnnnntn ttntnttna tgtntnennn nnnnnntnt 120  
 gcgncgtntn nnnannncnn tggtananan tnnennnnntn nnnennnnnn nnttcgeccc 180  
 nccntnccat nnnnnccccc ntacnnennn tnnnnntntn tnnngantnta cagtnggaaa 240  
 caatatnttt tnnnncnntg gnggcctccc ttcatttacc tgggtgtttt ggctcaccaa 300  
 agagtgtgt tctgcaaagt tctgggcaat ccntggagct aaactggcat tagagtcaag 360  
 taacactcct cctctctccc tgttcttttc cttaaaatct tcaaaggcat tgggggtttt 420  
 accttagcaa cttgctattt cgtcttctta gtttgaacct tcaaatatag ctggatataa 480  
 taaaatgctc ctcaaagtga gaagtaccan aaagaccaga tgcattggtct catgcttccc 540  
 ttgtgctggg gcacaagatc taaacaaaaa caatgttgtg tccatattaa agagcttcat 600  
 aaatacanat gggagtgaat gaatgattta tgacangtgt taggttgtgg aagcttggtg 660  
 gtaatacaca gaattctcag aatcatgcct gtcccgtgga ataaaaanga aaacaacctt 720  
 ttctttgtaa gggttagaag atttgatggg gaaaatccan gaaaccatct aaggangcta 780  
 aaagaaaaga aanttcttta ttaccccaga atngttngga tngtattttt gccaacattc 840  
 cttctcantt gcctggacaa cgataangat ttctattttg gaagaatnaa tgtggnttta 900  
 aaatcaagaa attcttgaat tttttcnttg gcanggcatt gaggacaana gtngaaaaaa 960  
 aaatnaatt gggaagaana atccntatnt ggtaantttt tcnca 1005

<210> 2066  
 <211> 1022  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1022)

&lt;223&gt; n = A,T,C or G..

&lt;400&gt; 2066

cnetcctttt	cctnnnnnan	tntctantc	nnnantnttt	nnaaantanc	nntncnnata	60
tntannntc	tagnnntnt	ttcttctnc	catannannt	ntntntntnt	ctntgtant	120
nattntnccc	ccccctnact	nacccccct	ctntctnnn	nnnnnnntg	ancntcagtc	180
ngacacgana	ttctgngccc	cctnnncccc	tgnnnnngt	acaatacnca	tggtctgtt	240
cnccanntnt	ccccctgnag	tggtgctnn	cctgcntng	ggaggntttc	tcctaacttn	300
cattcctnna	cttcccgnaa	gcagcccna	acacttactt	atanagccat	ctctatctga	360
attagnanat	catggatnnn	ctcantant	gancattcc	ttatcagnta	ccaccaatat	420
antattttaa	cactgtctcc	ttttcacaca	cnctagcttn	ctaanancna	gctggggggc	480
tggtctgntg	atccacgcct	gtaatacnan	cantctgtgt	aggngnccgt	gncggatcac	540
ttanngtcan	ggantttgan	acacagcctg	nctaacatgg	ttgaaaaccc	cttctcttct	600
gaanatgcta	aaatatactg	gntggtgtnn	ggcatgctct	gttgatccna	nctacctcac	660
tgtaggctcg	nngcnnnaga	anncccttna	nccccatng	gannntatg	nntgctattc	720
gngnccatgg	nntcaacacc	naacttngac	ttcctannt	ntnnggggnt	gtatnaaanc	780
tganaatact	cttccncaa	natataanan	antaanannt	ngtccaataa	tcccncnta	840
cngtgacttc	ntntacnctc	tctcncacn	tatcattaca	tctgectncc	ccccanctnn	900
tnaantatat	gaanaataca	ccantntgt	ntctanattc	tnatteggcc	ccttncnttg	960
gntncacnta	tttantttcn	atttntnaen	ccatattent	tnatcgtntc	tanctenttc	1020
cc						1022

&lt;210&gt; 2067

&lt;211&gt; 991

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(991)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2067

tnnnnnnntn	ntnnnnntt	nnnnnnntnn	ntncnntnt	nnnnnnnnnt	nnnnnnnnnn	60
tnnnnnnnnn	nnnnntctn	tncnntnnnn	tnggnntatn	nnnnnnntnt	ntntntntnt	120
ntntntnttn	nnntccenc	cncnnnnnnn	tccccctccc	nnncnntnt	nnntnnnnnt	180
nagttnacag	taggangngg	aggctcttct	tnacgtgtng	ggacnnncat	cctggggcat	240
tntcaactgc	gtnttcattg	tgtactntct	gatggagatg	ctgctcaagg	tcttnggcct	300
ggtcctgcga	gggtacctgt	cctaccccag	caacgtgttt	gacgggctcc	tcaccgttgt	360
cctgctggtt	ttggagatct	caactctggc	tgtgtaccga	ttgccacacc	caggctggag	420
gccggagatg	gtgggcctgc	tgtcgtgtg	ggacatgacc	cgcatgctga	acatgctcat	480
cgtgttccgc	ttcctgcgta	tcatccccag	catgaagccg	atggccgtgg	tggccaatac	540
ccgtcctggg	cctgggtgca	naacatgcgt	tgccttttgg	ccgggatcct	ggtggtnngt	600
ctactacgta	tttgccatca	tttgggatca	actttgtttt	agaggcgtna	ttgtggctct	660
tcctggaaac	aagcatcctg	gcccctgcca	atggctnggc	gcccctgtgg	gancttttnc	720
gcagctggan	tacttggggc	ccaaacaact	tctaataaac	tttgccgggc	ttgccccttg	780
gtccacttct	tgtgggaaa	tttgattggg	nngggtngna	accaacttgg	ccaagggtgt	840
tttcttggga	atgcattntt	ngggcgcttn	cttcnaaggc	cccnngggtc	ccaagaanct	900
taatttttgt	nanttgnggg	gggggnntg	gtggttctta	tttgnccatn	ttnggggnca	960
acctgtttt	tttgggcnc	ttnaattttt	n			991

<210> 2068  
 <211> 1054  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1054)  
 <223> n = A,T,C or G

<400> 2068  
 tttnctntnn ttctnttttn tttngtntcn tctctntntc gtttgtnntt nttnnnnnttg 60  
 gttgtngttt cttttctgtt cnnntttttt cccctccctt tnccccctt cncctctttt 120  
 tnttttngtt ncagtggang gtttttnttn cctnngggcc cgggnntngn nntttttttt 180  
 tctnctntt tnatccctt ttngtggtg tganncttgg ggaaannngg gggntttttt 240  
 catgctcttc nncacattt cntttacnng gcttgcttcc ttgttngtt tttctttttc 300  
 ntcttttcta tctttnttgn tttttcttn nntnttttt ntggcngttt tncctctccc 360  
 nectntngct ttttntctt gngtcttnt tggntctct ctcattntt gtgnactct 420  
 nctgncntng tttctntac tctntcctg tntnngctat cttctntnac tttctatnnc 480  
 tttntttctc tgttctntt nttctttttg ttctgttncg ttctctttt ntctttttnc 540  
 tctcttctcn tttcttntt nctctcttg tctctctct ntctctttt nntctnnntc 600  
 ctncgtttcn cgtttttttt ttgtcctct tnnngttctt cncgttctt gcttctctt 660  
 ntntttttt cctcttctt cttncgnnt ncngtctct ttatcaagtc tactntntt 720  
 tgnctcttt tctntctnt gnetgcttct tnnncctgct tttctctnn ttnnctttct 780  
 ttntacnctt ttctgttanc cttctntnc tnttctntg cttttctttt nntnccctct 840  
 ttngntctt cgatttttcc ntntnttttn cgttccattn ntntccttt tatttcttn 900  
 tcttttatt ctggtntctn tncntttct tntgtanctn ttcttttact tcnntttntt 960  
 ggtnnnctn cttttctnc nncgatcgt tntgttctn gctctcttc tcttctntt 1020  
 tntgttann ttntactnt tctcttctt cncg 1054

<210> 2069  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2069  
 aggtntcgaa tcgcacgact tgtccctgtg gggctttaca gatgtgtctc tgagtagtaa 60  
 aggccttagcc ttgttctgtt ttgttgtttt ttggagggga aggttagtca ggcttagta 120  
 ttcatgtaac attctaaaat tgtgccagcg agcaccgtga acgactgcaa tgcaagcggg 180  
 tcttgctggc taaaatgccg ggtaaagggg tgggttgaca cagcgcttag tgcacgctgt 240  
 catcatggac atcataatca gttgtgaaaa acacgcgaac ctatgacact tcttattcca 300  
 cactgaatgt gaaattgcat gttcagatgt ttactacgag gcctggctca caggaagtgt 360  
 tcagtaaaag tatgcactgt tagattactg ataacgcgga tagatttttg tttaccataa 420  
 attgttccag atttatatta atggaaggaa gtgtgcattt attaactatt actcaacttt 480  
 acaatgcaa catcttattt ctcacttta aacatgtcga caagtttaat tgaaaagtat 540  
 tctgagactg caaaatgggg tgttaaaaaa tactgcagtt acngactgtg taaaccagtt 600  
 ctcattgcat aagatcagat gtaaatgcat ggagaggtga tatgcactgt acagnattca 660  
 ctccccattt cacatnttgc aganaatagt cttgtcatac tgagtgtcta a 711

<210> 2070  
 <211> 825

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (825).  
<223> n = A,T,C or G

<400> 2070  
atncttttcg aattcggcac gaggttggtg ttaccgtgtg ccccnngnc ccatgnnggn 60  
ngtgcnnctg ngacacacag nnanncaann anntgtgnca gtctgtattc tggagcnnctg 120  
ctncttgnc nttgatttgt actntantta gnagaagcct gtacactgta gcgtggccag 180  
atgtggagtt cagaggcatg ctcacctggc tgncttttna ntacttacct tatagccatt 240  
nttanactga gagcttnaac tgaacatata atcaaatttn gtgntaagga agtgagattt 300  
tancagtatt tttcagtttt gaagttcgaa accatcccaa ggcataggag ccatagcctc 360  
aactgaaatt gaatttttgt agggactggt aattgccatt tgtacctaat actgnatata 420  
tacatatata taccgtgtgt atatatatat anatatatat atatatntat atntntatan 480  
anatatatan acatatatat atatatatnt atntantaca tanttngtct ntntcantga 540  
ntntacaaga gannnnntnt tcantagaac antcttcaat cnacactcnn ctgtccncnc 600  
gctncgctca ataannctcc taacnaccac ttcanccect ttncntctcn cctngnatag 660  
acnnanaaat ctactcanc ttctntttat catagtctnn ttnnatanta naanacctct 720  
ntntancnn atcatcnnn cntncntgct tngnntanaa cgnnagaaat atctnnacat 780  
ctntcttat ctccaattct tcnnnntnct tacanccnng cgnc 825

<210> 2071  
<211> 729  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1) ... (729)  
<223> n = A,T,C or G

<400> 2071  
ccnecanccc natnnnanaa ataanattga agatncttcc nnttctngga ttncctaggng 60  
gantannant tacctgtcca aantatnncc atgnnnancc ncnntagggc angggnaaga 120  
atcatggctc atgantngtg ngggacaagt ggtcgcagag cacaggctct nggtaaggag 180  
acctggtttg agtttataac cagagacagg cagttcacca actgagtctc aaatccttat 240  
ctggaaaatg ggaataattt gtcttctctg gccgagctgc tgggaagctc anagatatta 300  
ctgcataaga angtgcttta tacctgtgan gcgagatggg aaatgaagga tgattgtctt 360  
gatgatgatt ttgngetgga gctggcttac aatcccctga cagtgcaccc tgtaccatan 420  
aagtgcagaga acccagcgac nccaagtgag actgggaagg ataggccctg ggtttgaatn 480  
ccnctgtnc tcgttggtggg cccccttgac ttttttgaca ancctcatca cattccttaa 540  
ccctcaantt ttgccctgtc tgntaaaaaa gggtncaaaa ntgntgcctt tgtgcccna 600  
ttaaacccaa ggaactggg aaaatgcntt ggccttgagg ggacaatgan taaccncaat 660  
ngngggcct tgtnaangaa ttnggcctng ggacccttna gggggntccc ctantaaggg 720  
ggccaaant 729

<210> 2072  
<211> 749  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature



&lt;222&gt; (1)...(749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2072

acnttnacga	gtngngccga	ggtcnnnate	aatgtcnann	nentcaacag	gggnatanct	60
gacentaana	ntncnnnaac	gtctgnncat	nnctgttgaa	tggcncctgct	natnatagta	120
ntgtntgccg	aggaaaactn	ngaantngac	gaggcttata	aaaccatggt	agccaggcgt	180
ggtacgtagc	tcacacctgt	aatcctccca	aagtgtctgg	attataggcg	agagccacca	240
cgctcagtga	gtatgacatt	tttaaaagaa	cagtataaag	cataaaatat	cccatgtggg	300
gcaaaactccc	agattatttt	cctaaacaaa	tagaaaaaat	gcttcctgaa	atagggttaag	360
agaggatgag	tcatacaggat	ccctgaaaca	aagatctcaa	acaggagacc	ttacgtatat	420
tattcatcaa	tatcttcagt	gcaaaaatgc	aaagccattt	acagaaaggg	cacatagtaa	480
gctttacata	ctttnccttag	gaacagnctt	aaaacttaaa	aatctcatgg	tttaataaag	540
agtaataatt	ttatggggaa	gcaattttaa	gatttaaaat	ttcagagtat	cttccatacc	600
agcagtntta	tttaaagtag	tggaaaaaat	aagacaattt	aatattccca	tggatggatn	660
gattaaaaat	tggtnttggt	cangngggaa	aataaacnt	gcccccaat	ttaagacttc	720
ctggccaaaa	ntttggggga	aaaaggtnt				749

&lt;210&gt; 2073

&lt;211&gt; 1498

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1498)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2073

tnnntctnn	annentnnn	nnnnnnnnnn	nnnnnnnncan	nnnnnnnnnc	nacnnntna	60
nnnncttncn	cnnnnnntnt	nnnnnnnnnn	nnnnnnnecg	tnntctntnn	nnnnntnggt	120
nnnnngnnang	tcncngntan	ccncannnn	nnannnatnn	ntatnnnnnn	tnnnnnntnc	180
gncceccccc	gccccntan	nnntnccccc	nnncncttn	annntnnnnn	nnnnnnnnnn	240
nnnnnanncn	gnnttaacaa	nattcccncc	ncgggggggg	tcctataaat	gcctatcnac	300
naggnncnnc	cnctnnnatn	nccccnattt	ctagcngncc	ccttnaanann	nnnccacagn	360
ntntntttat	gctggangan	gggantgcna	cgttgncct	ncnggggggg	gtttnttagt	420
cnanaaaggg	cccgacggcc	anangcngt	gggggaggga	ctncactcag	nataancgag	480
gaggaggccc	cttnatcnaa	gaggaggntg	gcnccccacc	ggtgcnnenn	aggttcnnc	540
ttcttacgcn	cctggntact	nnagntnttc	ttgntcnta	acttatttgc	ntcatnannn	600
ntctntctcc	nnctnnttan	nnngnttcnn	tcngctanca	tnnttancat	ctctnnttnc	660
tactananntn	tctcctnttt	cnactangaa	cttccgatca	nnngntntan	ncnntctcnt	720
cnntgactaa	cntcatctgn	natcttaann	tcntnntttn	ntgntttcna	ctcntttttt	780
gnnttctcac	tgctatnca	ctctananag	ntccttnct	nnntatctna	nnntcnnntt	840
caenncttct	ntnntccttn	tnatcgcnnn	tcactcaega	cctctatgcn	atcanatgcy	900
cgngnatcat	atgtgcctnt	ctnacaagtn	tanntcntcg	nntaattacn	ctencatant	960
atctcacnnc	ttctntttca	nnactantat	gntnggtgag	gctatatagn	acttngtgga	1020
nggggtcttc	tctntaent	tnatcgtn	ggnacgnttt	ncttnnctat	natctntanc	1080
aantttncct	anatnctggg	gtcnaacnnn	anannnnaan	cntcncgenc	ncnaanatac	1140
nctgctatnn	ncatgcttna	nacatatnta	tnaactcttc	atcttntanc	gcttcatntg	1200
natctctct	ctgtttctnt	natacatcan	aatccatnnc	tgcnacnctc	ntntacnnt	1260
cctatnatat	gcnnctcttc	acantnttac	ctaccgttca	ccatntatnn	aactatannt	1320
cacatnttan	atgnncnnnt	acnnnccctn	ntgancaatn	ctgttttctt	nctctctctc	1380
atctntntat	gngtnttacn	tcttannatc	tnctctncacg	cntntatent	angcgtctnt	1440
ncaaaaatnt	acgnntctnn	cncatctcca	cnctctngan	ccgatctann	nctgncca	1498

&lt;210&gt; 2074

<211> 947  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(947)  
 <223> n = A,T,C or G

<400> 2074

nentcaattc	cgacgagggt	acttaataag	nngacaancc	agaaacaata	ttgaagatct	60
gaaaaatcta	gccgaccanc	tctaggnngg	ccctntntcn	nanagtgggn	gatgggcatt	120
gntttaacta	ttaccttagg	tccgtgataa	tatcccntgg	cccagcagaa	attatatact	180
tggaacacac	tatttttcac	caggaagctt	caccagaca	ctgancanaa	tggtctnttg	240
caccaataaa	ggctcacnta	aanggnngt	ggtnncccaa	gnaaatanac	atttctnaat	300
tgcnaaantg	gtaaactgct	ttancnccat	acaaggngnc	tatctngaaa	cgnntttttc	360
tnnnanngcn	tcatnngtnt	cntcttctat	ngccnnatta	actnattgan	tnnttnnnat	420
gncatncnna	anngcgntnn	acatctcctn	cttatatcna	atnccnntna	tctcnnnatn	480
ctacntccnn	cnatcntttt	ttcattcann	tttattacct	tgntcnccan	ctgctanccg	540
tcttcngana	tcnanccttn	nnnttntnca	annctanttt	ntntcaaaat	gggccnnctn	600
ttttanatnn	cnactactgn	gatatatnnt	ntcnntgac	ngtttnatnc	ccctaacnac	660
natatcnnac	tnntctctcc	nannaannaa	nnngnncatt	tatnttnacg	ggaaaaaaa	720
tctcannctc	cngcgncctt	ngattgggct	ttcnaccccc	ttggnaaatc	nccccancac	780
ctnttgggna	aaggccnaag	ggtnggccca	aaaatnnncc	ttgaagggtg	tnaaggaant	840
tttctaaaaa	ccaagccttg	anccnnntnt	tggnngaaaa	cccccggtt	tttctttnaa	900
aattcccaaa	anttcnncnc	cagcnctnna	atcnngcccc	cctctg		947

<210> 2075  
 <211> 689  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(689)  
 <223> n = A,T,C or G

<400> 2075

aantttcaatc	cgacgagggt	atcttcttca	atcagcaata	acagggtggct	ctatagaatg	60
gagggtagaa	gggatgtggg	tgacttactc	agtttttagt	taaagaggac	cctcttctgt	120
tagcatgggtg	aagtgcagtt	tctttaataa	attgtgcatg	gtgggggtgg	gatttggatt	180
ctgtgataca	atcttgtttc	tttaggaatc	ttttactttt	ggccacttgc	ctttctttcc	240
aaggaatccc	actccctttc	aagggtgcctc	atgaactgtt	ttcatgaact	ttccaaacat	300
tggtttctgc	ttgtttctaa	gcctgattct	tggecttctc	attaattttc	aaaacttcca	360
atatacttcc	aaataattcc	cttttgetta	cgtttagcgag	tactagtgtg	ttagccagtg	420
gtaagttctg	gtgaccta	ccaaaaaacc	ctaactgaga	tatcagctct	taacgcaaaa	480
gttngaatc	ggcatcctca	tatgaagang	ggagtgggaa	ttgggtgtgg	gacttncggg	540
atatccaaca	gtggatgcta	aagnccttac	ataaaatgca	tanattggta	tatctcccca	600
tcatcatctc	tagatattat	agacttatac	aatgaatgct	gggagcatcn	ggattttact	660
ggattttgng	gttngnga	aat				689

<210> 2076  
 <211> 888  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(888)  
 <223> n = A,T,C or G

<400> 2076  
 ncttctnttcc tgcaggacac tgnctnctga aggccgntgg cactaggcnc ancagacant 60  
 cnetgcaggt gcaccaacta cagactcaca ctaatggaca aggagntttt cncaatncag 120  
 tcccacgcct ttncaggtag gggccanggg ggctgtgaat gggatgcagc cccatggngt 180  
 ccctgataaa tccagtgtgc agtcttgatn ctccagggtg ncagncagat tatagtgcag 240  
 cctgngctga gtattataga cancaancat nctattgntg tccagacaag tncccagggg 300  
 aatgccacan ctttcttnag cactnctnag tctanttttn anaacncgga ccggtancag 360  
 tttttgcttc atttntttgn ngngaannna canacntttt tnttaaacna tntnagattn 420  
 ctnnncganc tttcnttaac gcatecttct ntngntntt teggntntata aaancgnttg 480  
 nctatttttt tttntnctn cgacaatggt ccnnnnantn tttttntct tntntngagn 540  
 ggatnggntn anatntcttc ttgttnanca aaatnnnant nttngtctnt tgtttttttt 600  
 acctnannnt gcanntggaa ntttnactan ncttcnntc nnattncttn acaccattgg 660  
 gcccttttcc ctactnttta ccacntcgta naacantnct ctngtancta cttangtanc 720  
 tncttagngt gnaaatatnt ntntncaccc tntttctaca gctctgtatt catcttcttc 780  
 agtattntcc ttactcttta catntatnnn ngtttantac gtntcgnntc ttatngnnnn 840  
 taccctctca ctatttgtna cttatncaca ctnttctctnt catnacc 888

<210> 2077  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2077  
 anttegantc gcacgaggtg cctcctgcct ctccaatcct gatcccccat tcccagccaa 60  
 ggagaggttt tcagcccttg gtcaccctga tgacctgcag ctttccaggc cctaggtcga 120  
 gaagttaaag tccagtgtct cattaatcct cataataatc tagggaggcc gggcacggtg 180  
 gctcacacct gtaatcccag cactttggga ggctgaggca ggtggatcac ttgagttaga 240  
 agtttgagac cagcctggcc aacatggtga agccccgtct ttactaaaaa tacaaaaatt 300  
 agctgggctg ggtggcggat gcctgaggat gctgtcctct gatttagctg ctgcctccag 360  
 cctctggctt gagaacttac taaaggcact tccttcctgt taaaccctg ttaactctcc 420  
 ataaatttgg tgattctctg ctaggcctaa gattttgagt taacatctct tgaagccaaa 480  
 ctccaccttc tgtgcttttt gcttgggata atggagtttt tcttttagaaa cagtgccaaag 540  
 aatgacaaga tttttaaaaa aaaaangaan gaaaaaaaaa cccccttctt ttaanaaaaa 600  
 nacctaacaa attttaatat agttatctct accnctttct ttttaagttt cttgatttta 660  
 actcangctg nattntaact catctgggaa aacaangngt tttgattaaa aaaatatnaa 720  
 n 721

<210> 2078  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

&lt;400&gt; 2078

```

acnttcaatc gnacgaggnc tntnnnctna tagccgcggg ncccagaatt cccaagcgtn      60
ggattgntca cccactaatn gggaacgaga gccgaacagn tgangagagt tcactgactc      120
cccagcccca ggtgggcctt gtgcacatca tgaccagttt tgaagatgct gacacagaag      180
agacagtaac ttgtctccag atgacggttt accatcctgg ccagttgcag tgtggaatat      240
ttcagtcaat aagttttaac agagagaaac tcccttccag cgaagtgggtg aaatttggcc      300
gaaattccaa catctgtcat tatacttttc aggacaaaaca ggtttcccg gttcagtttt      360
ctctgcagct gtttaaaaaa ttcaacagct cagttctctc tttgaaataa aaaatatgag      420
tnaaaaagac caatctgac gtggacagca gaaagctggg ctacctaaat aaaatggacc      480
tgccatacan gtgcatggc agattcngag aagtattcaa tttcttgatg gagaaaggaa      540
natggcgagt cattggaatt ttttgagact caatttattt tatcttccaa ancactcttt      600
gcagaaaaaca actgggcccc cacanngcca taccggagta ttgnacttat tcgctctgnt      660
cctnccaaag cagtnttccg acagaaatgg ntgaaatga gtcatgaacc cccgaaaggc      720
taaaaggaga aat                                     733

```

&lt;210&gt; 2079

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2079

```

acnncgcttt actagcttat tatcatctgc anccctgctc tctnaccccc agcgctccaca      60
gagctggatg ttcttcacaa tgtccaagtg gctgcagtgg ttggcattgg ccttgatatat      120
caaggggacag ctacacagaca tactgcagaa gtctctgttg ctgagatagg acggcctcct      180
ggtcctgaaa tggaatactg cactgcagaa gagtcatact ccttagctgc ttgcttggcc      240
ctgggcatgg tctgcttggg gcatggcagc aatttgatag gtatgtctga tctcaatgtg      300
cctgagcagc tctatcagta catggttgga ggacatagge gctttcaaac aggaatgcat      360
agggagaaac ataaatcacc aagttatcaa atcaaagaag gagataccat aaatgtggat      420
gtgacttgtc caggtgctac tctagctttg gctatgatct acttaaaaac caataacagt      480
gtcttctang aagcccagac acatggagaa attcttgagt gtttttggnc gataagtccc      540
aanatgaagg ttccagccaa caagcttggg gatcanccca ttaaaatggt gaantgaagg      600
aaagcttttg aaaaatnggt tcaaacccct taaccccccc acctggancc ttcattaagg      660
aagaccccc aaggaaatgg aagaaaatca nctgggggnc ccaaancct taacaaaaaa      720
ncctttcaan aaaatttccn gaaaaattaa aaaattaatt tccaattctt taattttttn      780
aaaaaaaaa aaaaaaannn nnnnnccc                                     808

```

&lt;210&gt; 2080

&lt;211&gt; 1361

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1361)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2080

```

tntntnctc nnccttttnc nnnccntcnn ntcnntnntc nttctntnnn nncnctntnc      60
tntncnnnn nnnntncnnc tcnntnctt ccttcttnt tctctnntc nctcnntcnn      120
tctnctnnc ntnntntntn cccccnctc nctnntcctc cccccctctc nnnntnnntnn      180
tnntnnnnc nncnangtng gaancnnnt tttctntta ncttttctc cccccctttt      240

```

```

gtctncttctn tatncttnt ccaccnncnn ntttttttg ttggcctnga tnnctcccn 300
cnccttgnggt ncactttnt tntnnccctt cncncctta ncttncccc tctctctnt 360
cnttcttgcc tncctctctn tctctctca cccnccgtt ncttctctt ttaactntcn 420
ntnccctct ccccttctt ctncccctc tctcttttc gacntctnt cctccnctt 480
ctctttgctn cctncactn tctctcna ttctctctc tctccntnc cttccggnct 540
tttncctnnt tccnnntncc tctctnntn tctcctttt nntcnntac ntccctctc 600
ccttactcc cttctctctc tctctctcc tntccccnn ncctctncc tctctctnt 660
ctctctnct cctccntttt ttctnntgen tctctcct cctntcctc ttntctnacc 720
tctnctnct nctctctct tctctctctn cgaactcacc tncntccctc tncntctctn 780
tctctctctc tctcctcnn tctctcnnt ctcttttct ctncncnc tttgcnct 840
ctccttttg nntnctttc nattctntt tntctctcc tctnctctt tnttttctc 900
cncctctctc tctcttccc atnnttttn cnnctnttc cctntctctt ctatctnt 960
ntcnccttc nctntctct ctctctcca nctntctc tcttttnc tccctacnt 1020
tntccctctc cctctcttc ntctctnct cctctctct acccactct nttctctta 1080
cnnctgctc nactntntn tctnctctg tactatcta nttcncctt canttactcc 1140
cctnttctc ctnttctct ntctctntt ctctnctcc tntnctctn tctctctt 1200
ctctctacn tctnctcnc tcnatctnct cctctctct tctccctcc cttttctctn 1260
tctattctc cttctctnt nctccctct cctctctct nattntctgt cntctctctc 1320
ctctctctc cttctctgc acnccgttc anctcttcc t 1361

```

<210> 2081  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

```

<400> 2081
ctgcactgca agggaggtga gtgagaccaa ggaactacac ccaccaagat cccttccaag 60
ggtctaagtt gcttctntaa tcanaaacct ctcaaactt tgcgactgtg cacataggtc 120
ccatgatggc ttggcaaca ttacctggg accagggtga acttcgtacc atgtattgca 180
tatgagaaaa gaaaagaatg ttgtcaaac aaaccactat gttttatttt attttatttt 240
agtgtgtgtg gtagggtgtg agtgagttct cagtgtgtgt gtgtgtgtgt gtgtgtgtgn 300
gcagttttt ttttttttg gganggggt nnncttttnc cccnggng gngggnannn 360
accnatttt ggntaccan ancctgtnnn nccgggttaa angantttct nctgnctaaa 420
cnncccaaaa nnnntnaaa ttncnggggt gttcctncc cncnanta attttttgnc 480
tttttttnn aaaanchaga ntnncnct nttngnngn cccnggngt gnanaaaaaa 540
atntccngg gccnaaaaag gnaancctc cncctntaa ncccatnna aggnngngng 600
gnanttnnag gggngnggac cccctnggct ctcggtttta anggggggnt naaaaanngg 660
ttttncetta aaggnnctt gnaatnccn anaaaaatt ttcnnncngg gaanngcttt 720
tctggncccc tttngggan

```

<210> 2082  
 <211> 727  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(727)  
 <223> n = A,T,C or G

<400> 2082

```

aagttcaatc cgcacgaggt tcatncataa tgtagcnngn ntcagaagtt catttctttt    60
tatggctgaa caagattcca ttgtgtgatt agattgcatt ttctttatcc gtctgttgat    120
ggacgtttgg ggttgttcca ctttttgccc attgtgaaga atgattcttt gaacattgat    180
gtaaaagatt tcatgtggat atgtattttc atttctgttg gctgtatacc ttgcagtaga    240
attgctgggt tgtaccttta actttctgag taactgctca aacacagtaa acacacagtt    300
ttccagtttt gcagcactat tttatgttct taccagcaac ctgtaagagt ttccactttc    360
tccacatcct cgccaacaat tgtcattgtc tatctttttc attatagtca ccatagtggc    420
tgtaaagtgg tatctcattg tggattgat ttgctttacc ttgatgaagt aatgggtattg    480
aacatctttt tcatgtgctt attagccctt taaatacctt gcttgagaa atgtctattc    540
aaataaatct ttttgcccat tttctaaagg agttaattgc ctatttattg gtgagtttta    600
aaaaggcttt agatgtgcta cataccanac tcttaccaga agtganttaa ttgcaaata    660
tttctcccat tctatngggt tttcttttca ctttcttgga tagnggcact tggaganata    720
aatggn                                           727

```

```

<210> 2083
<211> 727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (727)
<223> n = A,T,C or G

```

```

<400> 2083
aagcctntcg aatcgcacga ggttgttggt accgtgtgcc aangtgtccc atgtgggttg    60
tgccaggtag agaaacagga agtcaatcat ctgtgacagt ctctattctg tcgttttgct    120
ccttggtatt tgatttgac tatatttagt tgaagcctgt tcaactgtta aaaccggagg    180
tatcttcaaa ggcattgaga cctgggtcca gtaaatgtcc caccagtggg gtatagaaag    240
catgctcatg accctgccgt gtctgtgag gtacccttc ttatcctagt ggttcaggaa    300
gagaaaaacgc agtttgact ttcaagacag cttctctaag gctggcatgt tatctccttg    360
ctttgctttt tgccgtttta aaatgtgtaa ttgttccagc attccaatgg tcttgtgcat    420
agcagggggac tgtaaccaaa aataaacatg tatttgtgta attggttga agaagcttg    480
aatagctctt tactgcttac ttggggttga taagatttga gtggttgcaa tttttacta    540
aatgtagctc caaagtctta aatggcttgg ttgttcttaa actggttaatt gatgaaactg    600
tgcataagtt tacaatgtac taacttattt tgcttattat atataggggt ttattgggaa    660
attgtaccnc acacttcagc atgatgaaaa taaaaataa gtggttccat ttaaataaat    720
ggtttat                                           727

```

```

<210> 2084
<211> 1126
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1126)
<223> n = A,T,C or G

```

```

<400> 2084
nntnntnnnn tanntcnnnn tcttanntg nntnancnnt nntnnnnnnn tnantnnnt    60
nttnttttnn nnnnncnnnn tananctnnn nantnnnang angnnnnnnn nnannnnnnng    120
anntatnnna tannctnata annntctacn nattnnnncn cnaannnecg cncnccnann    180
annntannc cccanncn tntctncnn ctnnnnnana gntntanana taccngggg    240
gggttcnata ttcatnaacc aggnnnnng nnaaatatcat anttccagac tgatacttgg    300
tgggngngcc cacccttcta ccttgggggtg cctcatggcc taccacaggc tttttnttc    360

```

```

actgggtccc actgttncct gganacaaga ngggctagca tgctgtcatt tatctgaang      420
gntgtggctg acccattctc ctgggatttc ccaggccacc tcctcccttt ccctttccct      480
cnaacttaacc caaactttgc ntcagctgga tgctattgtc cctggatgtt ggcctttact      540
tggtnccgang gttaattggc tgnntcttgc cttgccatag gaaantnttg gctgnnnatt      600
ttggcaanat gtgnggaaga aacnngtntn aangaaaang ggaaccnagg agtanttgga      660
tcaaanaatn aanngngggg gaatgggggg acaagaagga naatatgggg gaacnttnnt      720
ccccntttgg nancttcttg gcccttttgg ggcccccttt nggaanattg tggnnncncg      780
ggtaaaaaata annnntttan acngntnggn nanccctttt gtnaaaaaan atannganaa      840
aantggnana attnttttaa aaaaanccct gnttttccan ananaaaaaa cacatttttt      900
ttcctttggg taaaaannaa ncnttggtta nnaaaancnt anntttcnnn tnnaaatnca      960
tntnttatta aaaaaanaaa cggnttntat tttttaaacc ctcccctgnt acnnctaaca     1020
aaannttttc ntcttgnmcc canaaaaaan aaaaaaaann ttactccagt nntattgccn     1080
cntntcacen tgatgngggc nctttcttgn gctttttaat aaaana                      1126

```

&lt;210&gt; 2085

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2085

```

angttcgatt cngccgaggg taattaataa gcagacaaat cagaaacaat atagaagatc      60
tgaaaaatag agttgaccag ctctaattgg tccctgtatc caatagttag agatgggcat     120
tgtttttagg cacatgtgaa ataattggccc ccccgttctg gcccagcaga aattatatac     180
ttggcaacaa gtctcatcac attttaaaata aactgtcaaa aagataacat tctcatgttt     240
ccgcaattta attttaaaat gaaattaaat ttttttgaag gtaaaataca ttttggaat      300
ctaaactgtt taactcttag aacgaacagt ggaaaagaga aaatataact gaatgataag     360
gaaaatatat acacatcaga ttgatgtgat gcagccaagt ggcatgtaga agaaactcta     420
gtattagtat aggtttttcc tatactttcc atgtagtatg aacattttat ataagtattt     480
taaatgctta tttaaaaaag gaaattacag agttaaccaa aacaaggatt tgtagagaaa     540
agggcatatg aaggaaagaa gtagtctggg cgtggtggct cagcctgta atcccacacc     600
ttgggangca gangtgggcc agatccctga ngncangagt tcgagaacag nctgaccaac     660
atgganaacc ccgctnttct aaaaatacna aaattactgg gcgtggtgat gcnccccctg     720
a                                                                    721

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&lt;210&gt; 2086

&lt;211&gt; 1036

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1036)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2086

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cnaccnccct tannnnnnnt ncngnntanc ntngcnangg tttntntng naatnnanct      60
acctnctttt acgncgntnc nntannnnnt nancccnann ntntnngctg nnnnaanncn     120
ggngncanna nncnnaactnt tangngnnnc nntntctnnt ntngtacgct ntctnatana     180
tgtncgtnnn annnctnnnn nngcncccc nctccggnnn ntancncccc ccnctnnnnn     240
nnnnnnnnnn nnttangang atcgnattcc gcacgngggg gtntcttctt caatcagccc     300
ccccnggggt ngggctctat ngnaatggaa gnggttcaac gcatnttttt tgnetgnenc     360

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tttttccnac	antacggggg	gnnttttnt	nanncacccc	ctnttgtacn	catanngtgn	420
gaattcngnt	nganancnct	tccannnnta	nnnnccttgt	tnnacnccn	ctnntnntnt	480
ttcnnngctc	anatntannt	cngtnnnttc	ntnccantct	naacngtnnt	cnnccacant	540
ttgnattntn	nnctacaaca	tncnnttatn	tnnccnctn	tnncncaent	tttcnattca	600
nccacannnc	tnctannnn	cnetcacent	tcctnccnnt	tcntnccgnta	ctcnnntncnc	660
tcntcnnncn	nnnctcactt	gnnccgtgngn	atactcannt	aantctannt	cntnnttctg	720
nnnnantcat	tctnnncanac	gttccagann	angtctatnc	cntacnata	attnacatna	780
nnancncnnt	ccacntnngt	nnatgactac	ntcnnnacgn	tnataactac	tcacntntnn	840
gnaanactan	nttactgngg	cgnatctaac	tcaccttcc	ccaacataac	mntatcnaa	900
ngtntanngt	atgcactant	ctatctctat	ngcncanaa	atnnctntat	ncgtaantnc	960
acancnanc	atntacgct	nctnacnnan	ncattcgtan	atctacatat	ncttactatc	1020
acaatcgacn	tagncc					1036

&lt;210&gt; 2087

&lt;211&gt; 1694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2087

cnnccccnna	nnnnnccnna	nnnnnttnna	ancnncnna	cnnccccnnt	nngnnnnccct	60
nnccccccca	cnncccttct	nctantnncc	ncnctnctnc	cccntnccnn	cnnccctacc	120
nngnaaannc	ttanantnnc	nttacccttn	ttcnnccann	tggngtcttt	cnnntccaan	180
nctnttttnc	nnnnccnacc	nactcncnta	cnetctcnnn	tnntntnccg	cnnccccccc	240
nnncnncnna	nanntcccc	cncncnccct	tannccann	atntnnnnnt	nanngccntn	300
ccnaatccgc	acggggaggt	tentactgcc	tctnnnaccc	ccggngtcaa	catntnmat	360
ccacctnccc	cncatacca	cntcancntt	ttnttaggcn	ctagtctnan	nanctnccct	420
acatctnggg	ggggcttttt	ttntnatnt	ntantctccc	cccacntctc	accccccccc	480
tnatcaaac	antcatann	cnetctaccn	ntccttttt	ctccnctcnn	cnaagctatn	540
actcctncac	nnnanttct	cnganagacn	annccctaca	tatcatctac	ntactatntc	600
tnctactact	gnaactcctt	cctanacgat	cnttccnctn	ncncatnatn	nanctcttat	660
ctntacntnc	nctaantntn	ctntctcggn	cacnctctac	aaantcatnt	caancactcn	720
nancccaact	actatcgcan	tatataccta	gtntgcnanc	atcntncaat	ntcnatnntn	780
tccatcatnn	ctctcatctc	ncntnatcc	tcacntcncg	ntccctcnc	ntnnnactcc	840
tcnatnctct	nactatcgct	catnctanac	tnacnctegn	nttctcctnt	atccacgttc	900
tatntcncct	nactacnate	tnctntctn	annaactnaa	ttntntnna	atctctntac	960
nnatccctn	nnnacnctn	tttaccctcg	gtcnatctcc	tttccctctc	tctcttacgt	1020
atctctncc	ancacttnac	cttgcattn	ccnngtcac	ntnctacctc	actctcannt	1080
nnatntcann	ctaagctacc	ncttatncc	tnccannnatn	ctccnaaact	nctcacatcc	1140
nnctctattn	tcacntccng	tctacngnna	ncgtccntnt	cttccactntn	tttatcagac	1200
atcagactan	ntctcncnc	ccanactttt	tcttatctct	nctcttaent	ccnaccncta	1260
cgctcagtat	tctcccaent	cnacntacta	tatcccnntc	tcntctctnt	nnctgntatn	1320
tctcgaatac	nacaccgnc	ccatnntatn	tcnttatcat	tancntctct	ctacgctact	1380
cncacnctn	acntctctan	tnnccnctc	tacttggtct	ntacntgct	nncgtccact	1440
ctgncctctn	atctctcnn	tatttactct	aactgntcta	tcctccncc	cacgntatcn	1500
cncgntcact	ntcttannaa	atnatgenac	caatctctct	cnnnantatt	cngtatatcc	1560
gtcactatnc	ttacnctcnc	atntcatent	accacntctc	tggttngtca	ctcnnncncc	1620
ctcaactctc	ctccccataa	tnnccactc	anactncaac	tnnccgtcct	tcccatacct	1680
nccncttnc	ccca					1694

&lt;210&gt; 2088

&lt;211&gt; 920



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(920)  
<223> n = A,T,C or G

<400> 2088

ngtanannna	aggntttgna	tentnntant	gaattttgaa	tgngnaactn	nngcatntgn	60
ttganacett	ccaaaatggc	cccagtgatc	cnatctccta	ataagtncat	gtnngtgnng	120
ccntatncaa	cactgcttag	gaatgggctt	ncgnaaaccc	aattgggtccc	ttgaggtgtg	180
gatggcaatn	tgaccttttn	aaggctnaaa	attgtaaaagg	aaaagaacac	tgggggnnttn	240
cccttcctnt	ggttggnttt	ggggaaccgc	tttngcttct	tggaataaaa	gcccattaag	300
ntcantgttc	cnnggaaggg	ataccctcta	nnntttggcc	cattttnggn	aananggggtg	360
gccaccaatn	ggtggaanna	aaaaatggaa	ggccctnacn	tngcncant	ngaacctatt	420
ggttaaaaagt	tgannnccna	tccaccgngn	aagnantacc	nccccncatt	agcccccttn	480
aatcnagccc	cctttcngaa	tttacttggc	cccccttttn	gntaagcnat	ttttgngnac	540
tncaantccc	nattgaaatn	tnngccccaa	agcccaanaa	ttttcccan	naaaaangcc	600
ctnccccaa	attttctgnt	tcccnaccaa	aaaaantggt	tccaaaanaa	ttaaaaaat	660
natgnccct	taantttnt	ngganttant	tttngtnggc	nttggcaggt	tactaataac	720
ctaaatcttt	nccctccct	ttggaaaacc	ntttttttt	tggccggggc	aancgtgggn	780
tttanttgnn	ttngtaagcc	ccaattant	ttngggggcc	canngnggg	tnngnaannnc	840
ccccgnttn	ggatttagna	aatatccac	cctantttgt	naaaanctnn	tttatttnaa	900
aanacaaaaa	accggnngng					920

<210> 2089  
<211> 769  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(769)  
<223> n = A,T,C or G

<400> 2089

cnnttnnnnn	cgaggcacgc	ccccttttct	cggccacttc	accagtttct	gaaatccaac	60
ctcccagact	tcacaggaag	atagatntnc	ttgagataat	gaaaagtgat	ntcttcnct	120
ncgaaaggaa	aaaagggtga	ggtntatatg	atttttaact	gtattagggg	tgtatgaacc	180
agtttaaaaa	cgaggtttta	tttactgtag	nagatgaatg	caaatacaga	ccaatgatcc	240
cttggcctac	ttagttaaaa	ccagttcata	catcccttag	ggtttttatt	attatcatta	300
ttatcattac	agctgttatc	gttggttttg	ctgttattat	natttggggg	tncttggtgt	360
tttttctttg	cgactctcca	cacttaaaact	tgcaatattg	tggggagaag	ctgtgactaa	420
actctacgct	gcggtgagat	gtagcagcaa	tcagctccca	ccgacgtgtg	tanctggggc	480
tgccgctcgc	aataatecta	ttgattttaa	gcttacttac	cccttgatct	gtncctctnt	540
agtccatang	gtcttgccac	attttattta	gtgangnggg	agaaacntat	ttatttgtn	600
gntggntttg	ccccttcccc	cncccccaa	anattaaact	ggggaaaatt	ngngaatttg	660
cttnaacctc	tcggggngaa	atcnataccc	ttnatTTTTgc	catgggncnn	cctaattggg	720
tttctctatac	aattttnggg	tngaatnctc	ttttctcccn	ttccctcnn		769

<210> 2090  
<211> 1058  
<212> DNA  
<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1058)  
 <223> n = A,T,C or G

<400> 2090

ttttgnaanc cccctttttnn nnnnnntnnc ttngnntnct ttttttttgg caangggaat	60
ncccccatnn nnnnattccc gngcnnaagg nnnnnnaaaa aaaacggnaa aaaccnaaa	120
aaggngggga aaagggccca agggggggtt tgggggggcc cccgtggggc ntttgaaaag	180
ccccggggnn ttcccccaa aacaaaaaaa ttggcntttg caaacccaaa aaagcctttt	240
ggggncngcc ngcnggggnc nnccgggctt ggtttggcaa agtctttttc ccagcccttg	300
ggggccctggg caaaagggggg ggccgggggg tgggggcngc ttgccaaggc cgggggtngc	360
tttcttcgaa cgccactttg gcttcccggg agggcttgcg cccccggcng cccttgggaa	420
accggaaggt ngggaaagga accnggttgg gtggtcaacc cttgcttcgg cccttnagcc	480
cttgccgctg ttggggggcg ccgttggcac cggaacnttn cttgcctntt ctgttccgaa	540
cacccggcaa tgcaagccgg agacaaaacg cctttaaagg cccccggccc agccctgcan	600
gtatatgca ggggcctggg ggcnngccct ggaactggcg ggccggttcc ccaatggggg	660
tgccctggaa ggctgcccgg gcangagtgg aagcactttg gggcccgctg ccaaggccgg	720
tggtctgtga agtctagttt ttggccttta ccaaatgtt acaanaaatg gcattttaac	780
gttttctnt tgatgcctcc ctttgaagc cataagaatt taagggggct tttttttaa	840
aaaaaantaa aaagaaaaaa ttggaaaccc canntnta nnaaanttct cactantct	900
ntnnntntnt aacnctctnt cnttctttnn cacantctn nntnnnncc tctcttntt	960
cctanaaacc tttnttncan gncntntnn aattcacnnn tcncntnttn anaaacaatc	1020
cctctctntn tntctttggt caccnanact ccttttnn	1058

<210> 2091  
 <211> 811  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(811)  
 <223> n = A,T,C or G

<400> 2091

cnancctttg aactcccnng cttttgcagg atcnnnnnngn agnggnncgg ncngagatca	60
natggggntg aanagatttt ttncagtna tgnnngcccg gnccttccag ntggggccag	120
tnatcancca tacatagttc atngatacac ctccnccagc gggtaggaa atgatggaaa	180
aaggagnaag aagnggccat ccgttttaac catccctcct ggattngtcc tcaagtcccc	240
aactgccaag naggtatgtg ccatgtataa atgtgngggg catgactaaa gtacccttag	300
ctgtccttta tatncattca cctagaaaga tctgcaaaga acncaaagaa aattgaccat	360
ttaatcagta aangtgtccc ctgggctagc atggcgctat agaaagtga caggctttan	420
agttaagnga atctgggctc atatggtagt gntgctatc atnagcncta tactgntgaa	480
caaatngctn aaactatcta attttggggn tntttttncc atcnnaaaan aggggataat	540
aatanctncc tcataaggat taatcgggga gaattnaant aaccttcacn tatagncaga	600
aaanttcacc taccantcc ctttctctn acttcccttg gcccttcat taaaagacta	660
aatnccaagn taagccattc cannatgggg nanaacattn tttantcaa gtaaaaaanaa	720
caacccttta nctnatcang tcttgaanc tttnaaaang ccagnaccnc nccnnaaagg	780
gncnttcaaa aaaggcaaaa tccccagccc n	811

<210> 2092  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(796)  
 <223> n = A,T,C or G

<400> 2092

tnatcctttc	aactcttggt	ctttttgcan	gatccnnnnn	ntcgaattng	gnacgaggtt	60
aattcattcc	tttcctgan	ngagactggg	ctctgggctc	cctgcgtggt	tttnatgagg	120
agcagaatag	agctgcagtc	agcagggagc	agggctcatt	ctggggagca	gagacaaata	180
gagaacagta	tctcttgcta	tatgcagggc	actgcaactt	acaaatcaca	gcgcatggcg	240
aggacgaggg	ttgggggtgt	acctctcacc	atgtctccag	ctgttccaac	ccgtgggtcaa	300
tgggagctct	gatgcaggct	ttttgctgct	gggccttcca	ctcctccaac	tttgacgcag	360
tagctcgatt	agggtagtta	atccggccta	gcagtgcctt	ggaggcatcc	agcacctctg	420
ggaaagagat	aatgtgagt	ttccctttca	ccctccacca	cccaactggg		480
gatgaagaaa	caaagaagcc	agcgcttaga	ggaccagggg	ccccacatcc	cctcattttt	540
ccaagtccct	gttgncacac	tgtctgtcc	tctgtctccc	acctttctct	tttgtccagn	600
tcattgagag	tttcctgcag	aatcttctgc	ctttgggtctg	atgggggtcc	aaaaaagggt	660
ggcttccctg	gattggnggg	gaacnaggag	tcaatccaag	gcctttanaa	ctatnagtga	720
gtcgtantta	cntcnaatnc	nanacctgaa	aaagatacat	ngnattangt	ttggacaaac	780
cccaactagn	aatgcn					796

<210> 2093  
 <211> 946  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(946)  
 <223> n = A,T,C or G

<400> 2093

ggcnnttnaa	acccttcngc	tacttgttct	ttttgcagga	tcccatccga	tncgntttcg	60
gcacgagaat	nccttttaaat	cctggggcag	caccgtnggg	gacaggattt	acccgncaac	120
agtgttgatt	ctactttcta	aaaaccctga	gcccttttgn	ggggngcacc	agatnaaacc	180
cggggggcat	cattgaacat	gcaggggcag	attgcagaag	cttcagtctt	gggaaaaaga	240
gaangngggg	gactttgttt	tgctgngccc	ctctcttccc	cgngngnga	ggatctactg	300
gtgtaggggg	agggactttg	ngcttctact	ggtttcaagt	acaagnca	gggcnnnnnt	360
ggagaagaaa	cttttganca	ggtgcnncca	ngaagggatg	tgatttgggt	atttggcacc	420
atcacccctc	aatcagnaac	cttgatttgc	ttaccctacc	aggtggaaag	aatgggnct	480
tccttaaaa	cctcttgggg	aaaccctta	aatttccaac	cttttttctt	tttttaaaat	540
caagccttcc	gaaaaggnc	ttggttncct	ttaaaaatgg	aaaagcntta	tttccatggg	600
taaatggngg	cctttttttt	tttttttttg	ccccgccttt	tttctttaag	cccaaaataa	660
ggattngggc	ctnggaaatt	aagtcncca	ggaattaant	ttttgggggn	aaaaaatttc	720
cattgggttt	tnaaagttan	cccaanctta	accccttttt	nccttttttt	tnaanaanaa	780
attnttttaa	angggggaat	ttangggntt	naatcctttc	ctttctctaa	accngggggg	840
ggcccgggtc	ccncttttaa	aanggggttt	tncantttta	aaatccttcc	gaancctggg	900
gangaagggg	ggggaaaaaa	nancctnggg	ataatttttc	ctancn		946

<210> 2094  
 <211> 827  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1) ... (827)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2094

ttatccttaa	actcttgttt	tttgcagatn	nntnnnacga	ttnnnncgag	gctgcttcgg	60
ggactcagcc	atnttgctac	tgaggtgctg	ancgcegtcc	tcaaggntct	ctaccacctg	120
ctgaagcacg	tagtgtgtct	ggagcccgat	gacgtggcca	agctccatgc	ccagttggcc	180
ctagaagagc	tggatgacat	catgaaaaac	ttcctgttcc	ctccacagaa	gctggagaag	240
aagatcatgg	tcctgcegtg	gacctggctc	caaggacgtg	gaggaggcag	gcagggccag	300
gcacccagag	cccggtgcca	ggtcttccag	caggtggccc	tgctgcctct	tgagtgtctg	360
cagcatggct	gacctcggg	gtggttttat	ggtgcangtc	acttgggtct	tcanggtccc	420
ttccgagggc	atgtgttcag	cactcccgcg	tttcagcctg	aggggtgtac	agttaagaag	480
aagacagtta	cagatctcat	taatctacat	ttttcactgt	cctctancat	tgaaagaagg	540
atgtctacct	ggtgaaagta	tattttaaca	tgactgatgg	aatttcta	attgcccact	600
cttcttggn	cttgaaggan	aaagcgggtt	ggccacccca	ttttgtcacc	taacctctat	660
antttctttc	aggcctgaaa	aattctttcn	ttcnnggaaa	aatgaaggaa	ccagaacntg	720
ggcncacctt	tggttggtt	canaaangca	ttttcannaa	ttaaggaaaa	tgccaatttt	780
ggaagttggg	ggaaggggna	aaggnaaata	ntttnttcna	aataaat		827

&lt;210&gt; 2095

&lt;211&gt; 961

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (961)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2095

gcaggatnnn	nnnnnnnnga	attcggnncg	aggetnacnt	aagtcaaatg	cagtanacaa	60
tggatagtca	tcacagattt	ttgtacatgg	gacttcacat	accttaattg	aatatccatc	120
gtgtacaaaa	tattgtctcaa	gcaatgtagg	aatcaaggga	ataaaagctt	attctgatnt	180
tatagagcat	ataacagcca	tgtaaatatg	catggtatag	agaaatcagt	ctatgatgga	240
tgtccagcaa	agttgcagag	cattatatan	agttgctttt	gatatgagcc	ctanaataaa	300
ttgggtaga	gagggagtgt	gggaatttga	gataattttc	aaagaaaaat	aaaatatggg	360
gacaaaaaac	aatagataac	aatcaggtgg	ataagctata	ttttgaggtn	tttaaaaatt	420
gttttttaca	aattaccccc	tngtttttgg	agtattatta	tccttngccc	aaaattcatt	480
tccttaaata	aaaatatttt	ggcctggaat	aaaccctggg	ggtggggnaa	ataaccatta	540
aaaatggggt	taggggtaag	gaaaaanttt	tggggaaaag	aaaatccctt	naccantant	600
tttttccaag	gttnanccat	ttcctntggg	gggaaaaaat	tccatggcct	tttaaaaaaa	660
atnttggaan	aaagnttnna	aaaggngccc	tttggggann	actnaatttn	ttaattnccc	720
cctaataaat	tttggggggc	ccccattaat	tnggggnattt	ggnccccaaa	attttttccc	780
nttnggnaaa	ccccccctt	ttaaccattg	gcttttggna	aaataagggc	ccattgntng	840
gggnaaaccc	tttccttnaa	atanaaaaaat	anttttnggn	gggnaatccc	aaattgggga	900
anaaaaancc	ccntnnntcc	cnnctcccn	ncnncnncnn	cnnntnnnnn	cnnccccccc	960
c						961

&lt;210&gt; 2096

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (828)

<223> n = A,T,C or G

<400> 2096

atcctntnnnn	ncantnnnnn	tttnngagca	gggatcttat	aaagggcntn	aaataagatg	60
tgtgggttcac	atagatagn	agcgtaacat	ctgtattaaa	cataggagag	aagtttataa	120
agggcattgg	caataaaactc	tttgttgag	ctgtnttcca	agcagtgtaa	atactttttc	180
ctgtgattat	gtatagcctt	ggaatggcac	cttttaacta	acccatattg	gtttgggttc	240
aatggntttt	tatatncaga	tgtatatatg	gtgctcactt	ttaggatcag	cagtgttnac	300
catttatgct	gcatagctgt	attattagcc	ttattagttg	tgtggttgac	ccctnnggggt	360
ataccaaatg	tcantctgag	tggtgtctta	ctcctttgtt	tataagtga	tgattgccat	420
gttntgtatg	ncatagtatg	ccgncacata	aaaagggagg	gagccgaaaa	accattacat	480
taaagataat	atgttgaccc	aactacttta	cttntcttaa	acantncttt	ntccccntta	540
acctnnccnt	cnaaaanttg	cnatatagtt	accagcnatt	gntntaaaa	taaaatnttg	600
gtgggnaaaa	acagcccttg	ggntctcttc	cnngaattgn	ggggntctnt	tcntaatttn	660
ntcaaanntt	ctgggtccct	ctcgggccaa	tttcttttcc	tgggnttttt	aaaaaaaaagn	720
nggaccaann	ntttgcaccc	ccctnttttt	aaaaaaaaata	tncttggggc	nnaaccccat	780
nttaaanana	ntaatcccc	ccccacgtgg	aanaattgga	cgtnnnn		828

<210> 2097

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(868)

<223> n = A,T,C or G

<400> 2097

taatncttnn	nnntnnnnnn	nnntngcang	atcnnnnnnn	tcaatnennn	angaggggac	60
tcgttaccat	cactcccacc	acaggctccg	atgggcgccc	agatgcccgg	gtccgcctcg	120
accgcagcaa	gatccggtct	gtgggcaagc	ctgctctaga	gcgcttcctg	cggagacttc	180
aggtgctgaa	gtccacaggg	gatgtggccg	gagggcgggc	cctgtacgag	gggtatgcaa	240
cggtcactga	tgcgcccccc	gagtgccttc	tnccctcagg	gacacgggtc	tgctgcgtaa	300
ggaatctcgg	aagctcattg	ttcaacccaa	cactcgcctt	gaagctcaga	cgtgcagctt	360
ctggaatacg	angcgtcagc	ttgctggcct	catccgatcc	ttctctgagc	gtttcccaga	420
ngatggaccc	gagttggagg	agatcctcac	acagctggcc	acagcccgat	gcccgatctt	480
ggaagggccc	cagtganccc	cccatctggg	ccaagcttga	ngaaaatgtg	ttggccttgc	540
cccccaattc	catccanacc	aanggntgca	aagtggccct	nncattcctg	tggtgattta	600
aggggcctgg	gggaaggggg	aanggggcaa	ggaaaccttg	ggacctttgg	gtacttacct	660
tnaacttgaa	gggtnggtgg	aacaccaacc	ccctttccan	tttgtcaagc	aaactttttc	720
caacccttgn	ccaaattggg	ttttccccc	tcntggggga	atcctccaat	tttcattttt	780
ggcacttgcc	cattaccctt	gggaggtgga	ngccaaanaa	aaaagggggc	tttaaccaat	840
tccttgttnt	taccccanat	tggaaggg				868

<210> 2098

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 2098

```

aangaacct ttnaactccc ngnncttttt gcangatccn nnnnnanegg tncggncnga      60
gattttcaat ttggagcatt aactttttgc tcatacacag ttaaataaat agaattagtt      120
ctatggagac ttngctgtta ctgnttctct tgggcagtgt tagtattcac cctgggcagt      180
gagtgccatg ctttttgggt agggcagatc ccagcaccta ttgaattacc atagagtaat      240
gatgtaacag tgcaagattn tttttttaag tgacataatt gccagttata agcgtattta      300
gactgtggcc atatatgctg tatttctttg cagaataaat ggttcctcat taaactctaa      360
agattangga aaatggatat agaaaatctt agtatagtag aaagacatct gcctgtaatt      420
aaactagttt aaggggtgaa aaatgcccat ttttgctaatt natcaatggg gatatgattg      480
gtcaagttnt tttttccaga gttgtngttt gccaaagctaa tcctgcctgg ttttatttat      540
atcttgntat taaangttcc tntccaate tgaaataact ttngagtatg gctatcnata      600
cctgcccttt taagttnгаа actaanctca acattgcaa aatattgggt tagtatttna      660
actaccatct ggccnncnct cancaaatth ccgattagaa ccttttatcc cagctagnng      720
cccaaataat tngancaana agcctgaatt gnaaaaaaaa aaaanttnga ngggccaccn      780
tcctnggggg ntaaattaaa ancatntcgg gn                                     812

```

&lt;210&gt; 2099

&lt;211&gt; 744

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(744)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2099

```

nctcaatcgc acgaggccat gggcactgtg agcctggggc agctccccct gccccccatc      60
cctcatgtgt tctcagctgg cactggctct gccatcctgc ctcatttcca tcatgcattc      120
agataattga tttttaaaagt gtatttttctg tattctggaa gatgttttaa gaagcatttt      180
aaatgtcagt tacaatatga gaaagatttg gaaaacgaga ctgggactat ggcttattca      240
gtgatgactg gcttgagatg ataagagaat tctcgaactg catgtattgt gccaatctgt      300
cctgagtgtt catgctttgt accaaattta atgaacgcgt gttctgtaat caaactgcaa      360
atattgtcat aaccaacatc caaaatgacg gctgctatat aāaagtgttt gtcatatgga      420
atttaatcgt aagccatgat cataatgtta actaaataac tttatgtggc actgcctagt      480
aagggaacta tggaaagggt tggatttctc caaatctggg agaattttca aaataaagaa      540
aataaccttt atatgatata ctatgactag gctgngtatt tcttttcaag gggatttttc      600
taccttcang ggttgggatg taggttaatt actattacca ttagccanc cggtaggttt      660
tacatataca attttctttg gggagccaat aaaagntctt ccattttacc aaaaaccatt      720
tttaaatgta agttttggaa tant                                           744

```

&lt;210&gt; 2100

&lt;211&gt; 725

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(725)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2100

```

agnttcgttc cnacgagagg acatgaaaag gagtgaanng ctaagaaacc ttagctgtag      60
tgtttggaat taacacttgg gaagtcatga ttgacaaata gagaatata aatttgtttt      120
atatcagtta tatatacata tttataactg atataaaaca aattagattt tgacattaga      180
aacacatata cacatactgt aatatgtact ttcttcattc tctttaacct atattctggt      240
tttaagtthc ctggagcccg tggagtaatg ggacaggaag gctcagaggg tctctttact      300

```

```

gatagttaag atacaaaaaa aactaggcca ggcgcagtgg ctcacgcctg tgatcccagc 360
actttgggag gccaaggcgg gcggattatg aggtcgggag tttgagagca gcctggccaa 420
catggtgaaa ccccatctct actaaaaata gaaaaattag ccgggcatgg tggcaggcac 480
ctgtaatccc agctctaggt aggctgaggc aggagaatca cttgaaccca ngaggcggag 540
gttgacagtga gcccgaaatc gcaccactgc cttcanactg ggtgacagan caagactctg 600
tcttgggaang cgggggaaga ttcccnann aaanntnna nntnnnnnt nnnnnnnnn 660
nnnnnnnnnn nnncccncc ccntaaan nttnggggg gntttntcaa aaaaccnnaa 720
aaaaa 725

```

```

<210> 2101
<211> 925
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (925)
<223> n = A,T,C or G

```

```

<400> 2101
cnnnnnnnnn nnnnnntnnn nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntnnn 60
nnctnnnnnn nntttannnn nnnnnnnnnn nntnnnnnnn nnnnnnnnnn nntcgccnc 120
ccccnctnn tnnccctcc cccnnntnnn nnnnnntnnn nnnnnnttan nattannaca 180
aggtangaat ccgnanttta ttncttacan atgaagaatn catgnggagc ttgcttaata 240
aatcccttcc caccccaagc ttnntttatg actgataact agctccagct ggctttannt 300
tcagtatccc tagtgagctg actttcccca tcttgcctc ttctgcctac tttctgntc 360
cttctaaca ttgtttgcac tcattttgca tctggttact actaccttct tccccacgta 420
ccattttaaa gaaaacttcc cagccttcc tgnataaac ttcagccttg ccaccattac 480
acagattaaa ttatagcaag aggttagtta atttctcag gggctctgtaa tccttactta 540
ggtcgggttt gccagacca cactcttct gcaagtacta acctgcttc tacattgggg 600
tgggtattta agacccttta atggcatctt gcaattatta agataaatga gcaanaatta 660
ttaaccctaa ttacattggc cctgcatttt tttccccct gcataccaca ctanccctac 720
ccaaagccac tgcctctgtt gctcactggt gtaccatcat gctgacctt caagttcttg 780
ggacatacta tactatatta ctccctacca accagacttt gctcanttgg ttgcatgtat 840
tataataatc cttggaacta tgccctcca cttcccttc attgccaatt aaagtctttt 900
ttccctttaa aaatcagctt acatn 925

```

```

<210> 2102
<211> 1296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1296)
<223> n = A,T,C or G

```

```

<400> 2102
tnttnnatnn nnnnnnctnn nnnntnnnat antntttnt nnnnatnnac tnnatanann 60
tnatnttnnn nnanntcnc antnnnnctc cncntctcc tntnmanatt tgtacatcnn 120
ntcttatncc nctentntnt ntgnntttng cccccccnc taactnccc cccccacttn 180
antatnnanc nnnncnnan ngngntnaan nccnnggggg ggtntttatt ttntcctntn 240
gccccccccc cattanaatn canntctnt tattatgagc nnnaccaaann ttnttttggg 300
gtngancann ttccattntc ctgggggggt ttttttatt tanacnttn nccttcttc 360
nccttnnag ncctattcgn tgantctatn ttaatcttt cctnanantt gncntnnna 420
atnnnttnn nttntnnat ccnatctgn nccntccaan ttnagtntta tattttaacn 480

```

ntnttccnat	nacatcantn	cgctagacta	aactnaatnt	aaaaaccttc	atntgatcta	540
tnnatatttn	antaatactc	nttttatttn	atnttantat	ttctcnannn	antntaann	600
ctctattttn	tatctntcna	tttatatttc	mntacnctnn	ttttcttcnn	ttcanntaca	660
ntncattttt	catangcatt	ntctactcna	tnntaanac	tnntntcttt	nantgatent	720
nacttttnnt	cctccctaa	tnctncttct	tcctcgnttt	cntncagnct	gttatnntan	780
tnactactat	catactanca	tnctactcna	tatngtntan	cacgatatac	nnnnanant	840
tnntnancat	ntnaactctn	ntnttantan	nttantatat	ntananannn	ntntcttcta	900
ctnttccacc	tnctatata	tccttatata	antactnta	tatnanatna	ccnnattcta	960
nnattntnct	mnttacnngt	ncanntanct	catatntctt	atnntcnmtc	ntctatntaa	1020
tcactntact	tatactntan	taatatnttt	attnannctn	tnacngctac	nnntctacac	1080
tnctttatnt	cntacgttac	ntganttant	tcatanctgn	atatgtntnt	atagnnttct	1140
ganctanact	nantattcta	mntantnctt	ntccatncac	tnnttgctcn	tacttantat	1200
tatnanatca	tcntctcaca	atganatcac	tgnaactnta	cttttntaat	gcataatntn	1260
ttgtatttat	catcnactct	cacnnntctn	tannca			1296

&lt;210&gt; 2103

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(729)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2103

angtttcgct	ntctgatgat	nacactcact	taatanccnc	cgtttaannt	gatgaatgtg	60
gcttttttct	ccttcacttt	antgntcaaa	aantngtggc	tattgagnan	atntcttctg	120
attnattctg	tgacancctg	ttatcngatc	nttatgtaat	ctttcagnag	atnttcatcc	180
tttcatatcc	acattcttat	gtggacttgc	tgaagaaaca	gaatatcagt	tcaaaaacaaa	240
acctaggcca	ggctgggtctc	aaactccga	cctcaggtga	tccacccacc	tcggcctccc	300
aaagtgggtg	gattacaggc	atgagccacc	gtgccgagcc	ttccttgaag	ttttttgttt	360
ggnnttgatt	tgttttgntt	tgntttgttt	tgttttgttt	tgttttgttt	ttggagatag	420
ggtctcactc	tgttacccat	gctggagtgc	agtggcacaa	tcttggtcca	gagcaacctc	480
tgctctccag	gctcaacaat	cctcccaatt	cagtctaagt	ggctgggact	gcaggcacgt	540
gccaccagcc	cagctaattt	tgngttttgn	taagagatga	agggttgcca	tggtgcccac	600
ggctcgtntt	ggaacacccg	gggcttaaag	gaatctgccc	tnnttcccct	tccaaaagtc	660
tganaatagc	aggtgtgant	catcatgccc	ancctcttgg	aagtttactt	aaccaatng	720
gaaaaacng						729

&lt;210&gt; 2104

&lt;211&gt; 761

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(761)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2104

antnttttct	aattcgacg	aggttgtgt	taccgtgtgc	cantgtgtcc	catgtgggtt	60
gtgccaggta	gagaaacagg	atntcaatcn	tcatgtacac	agttcaaacc	cnggcttgn	120
nagccatgtg	ggctgggtga	tggattcccg	tgagcacagg	ccccgtactg	cttccatcag	180
ctccagcccc	tcagaagggg	cgcctacagt	tggcagctat	ggctgtcccc	tcagtcattg	240
cccaaagttc	agcatccttc	ccatgaactg	ctcaaggaaa	atggcttcac	acaacacgtn	300



```

taccataagt ntcgnaggcg ctgccntaat gagcggaac tcttgggcat nggccaatct 360
natnggatga acacactctt cacgctttnt ggacttcttn ntccgaganc acttnaacna 420
aaaanatggt atgacggagt tcaangcacg ctgggctctt ggaggancgc ccaaagaaaag 480
gctacanatt tggtttgga gtgccttttt cngatactac anttattggc ctggnaaaaa 540
gaannntncc ggctggncat attcnaggga ttttcangan ggaaaccggn gaangactat 600
naagcctggg ccaactntat tgggctggan naanttctgg acctnttga aatattccaa 660
agncnaaaat ttggacattt gnccccaaac nngcnanaaa nnctctggaa aaatccgacg 720
nttttgaaga cttccgaggn ngattccccc ctnggntgan n 761

```

```

<210> 2105
<211> 1451
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1451)
<223> n = A,T,C or G

```

```

<400> 2105
ccnncnaaca aacnnattaa gatnnnnntn tatnntnagt tnntttngna caagaantnn 60
cnnntgttna ntacnccnnc taanccnctc nnnttatnt atntaaatct nggntaaaaat 120
ccctttgnc cctnannntt tanaaaaaaa ntatanatnt tagagagnga ctnganatcc 180
ngngggnttt ttaaaancga tannnacana tnaannacta cntnttgnta gncnaaaata 240
tnaagcngan aanatttnnn antntnnaag cgcccagnna ttnnaanntt nagnaaant 300
anncgtaag nntnngatga caatanntnc nnnncacnan naatnaatcn acatantatt 360
ntnagnntaa acatatacng canacatctt nantatnacc tnatatacna acacactntt 420
ntcgntanga tntntatcta tacacnnnna tagaactatc gtgttnacan tnatntanta 480
tanatnacat ngcnncacat nancgagnac tataaaantn tcagnannac tctnatanaa 540
gnacatatna ttngnecgntc tatacatgtc aanaaacnac ttagnataca catgatanat 600
acanaaaaac tgatntacat ccngatggnt ntataacaga tantgaatng tagacaatat 660
cttagaatat anantngaa taaaaaanna ctnatntaaa tnaaanatgn atncatnaaa 720
nanaaangtt agatntctta gttcntacna tgngatcacn ctagatcata tataagaang 780
naaatatcnc nacagananc ttnatnaaat atanctctca tnnatnntga taanacacgc 840
tatntacgga taaattacta anntnatcgc anatanaant cnangtgtgc aaanaaanaa 900
nacataccta catgncacta ncacgataca gactnntanc gatcttnacg ngngtcncat 960
ctatattttg tanantacna nacgananc ntncgaatac aatacaanca tatcnnatat 1020
tgtatnatat atattntata gaaatnnaan ngacttaang tgctgatgtc aatcacntgn 1080
ctatatgna ctganngnna ncaaatacan ttactacata agatatatnn atntaatata 1140
nacaatatat tacatacatt cnantatgna nacnngaant gtnaancact ntanncannt 1200
atgacacaat cgnaatcat nctntatnac cgaannataa atntnatatn nngaatagag 1260
acgacactat aagatnanat gtagnctaan aanactaann ntanncngtn acnnatatnt 1320
cntcgatnta actgtaggt nttannacnt anttannata tnantataat ntatngagac 1380
actcaaatna tatntacnnc ntnaacnnta atagtgncta natatntaat nntntgatta 1440
tanctannnn a 1451

```

```

<210> 2106
<211> 1509
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1509)
<223> n = A,T,C or G

```

## &lt;400&gt; 2106

tntnnnnant	accntanntn	atntccnata	nntnnannca	taattncaan	ntannttnnn	60
nngnancatc	nnaantggng	gacgaaccta	nnacgcttnn	cnntatata	actattatng	120
ccnnctnctn	nntatccnc	cntcttcnn	ctntnttna	aacntaaaa	ccgggggaa	180
taanatnnac	acttcnnc	cgtctaat	tnttaccana	acannantac	tcttnacn	240
ttttttntn	cgaggatncn	natnttctac	nagggggnt	tttttnant	anaaatttat	300
ctnncccttc	ntaatntcc	attanntatt	ncantnann	aactcttact	acattccntc	360
antccnannn	tanaagtcca	nccnnaaacc	nangacntnn	accncnntta	aaacacgnan	420
agatanttct	nnaacnnata	ctntnctccn	antntnttgt	tcaatctatn	cagnatntcn	480
tancactcaa	cnacnccant	aannacntnc	gnatnatntn	tnataccant	ntacctaact	540
ntncacnctn	ncacnttact	ctacatnnna	cttctcatcc	tcgtatngna	ncnataatta	600
canaatttac	ctctatccan	tgnttnncnn	ngtnttttaa	ataanccttan	catattatat	660
naaannctat	ctatccta	ctatgcantn	natactctatn	ncttctctac	ccnaactatc	720
atnatnttct	cctacnann	ttctaccnnt	acatgnnaag	annactaacg	tnatnactca	780
catcncctaca	cnaannccct	ntnancctca	ncccaannan	acnnnacaca	nncttacnta	840
tnnctancac	antnatctcn	ntacnaannt	tactctant	tcgagctana	cgatantcaa	900
ngtatnttnn	catactctcc	cncnctttt	tataattann	nacnngaant	cacanntctc	960
aacnnaccta	aancatatan	actatcnacn	cgantntntc	ctatnttgt	atncnaanta	1020
nncatctnca	gnacnctgcn	ctaacncaat	atctctcac	tntgtaanga	acntcactat	1080
ttatcacctn	annatancat	ttatanttag	naacnnntna	tanatatact	tnnctatctn	1140
nncnnacctt	anctcncat	ctacgntanc	nctcnnatcg	ananttatnt	aanntanaca	1200
nnctacanta	cgnattgcan	cccnacnana	ntatactacg	atccntatgt	gnattccttn	1260
tntcccaena	ntnntnanac	tatcantatc	tattncgncg	nacaccacnc	naatncctca	1320
cctaacattn	ncacacaccc	ctncttttcc	catgnttttc	aaanatacat	cnntcatat	1380
agctancgca	tnacngctg	cctctacnat	ctganggnt	atatgcaa	nnatcatata	1440
cancntnatg	cnatatacnc	ncatanatac	atnctccatc	nnntatntac	tatntacn	1500
atgcgccca						1509

## &lt;210&gt; 2107

## &lt;211&gt; 1314

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;220&gt;

## &lt;221&gt; misc\_feature

## &lt;222&gt; (1)...(1314)

## &lt;223&gt; n = A,T,C or G

## &lt;400&gt; 2107

tnnnnantnn	ntnnnnntnn	nnntnnnnnn	nntnnnnann	tentntnaa	nncnncaatn	60
attcnacata	atactannga	tgctcnnttn	nnngaantnt	ancnntatct	ctcantatnn	120
antannan	ntatntnccc	ccnctatct	tancnccnac	tgcatcannt	tntntnaag	180
nanntcgaat	cggnncgnan	ntnannant	attatggcgg	ncnagnanan	actnaaccag	240
gatgatngc	agaantact	tctactcatn	natcaacntg	ncaanngggg	gnttttttaa	300
nnaccccatc	tnnacaggtt	gatcnatacc	anggcttggg	aagagcaata	ccaacaagat	360
ggctttccca	nagactgaac	ttccgtacnn	tttaccatcat	naatgcaaan	anctanccaa	420
atcctnggan	aatncaaaat	tataannaag	aaccttnnaa	nctnttttat	ttctnactcg	480
tntngtnnaa	aagtatnctn	ctcnncgacn	ntcttcanat	ttctttactn	tgntactttt	540
ntanacnttn	aatntcactg	antncgngnn	tnacntatnt	ngtgnattaa	cttatntatg	600
tctntataaa	tcacantata	atgttatgtc	taatnggnaa	antttatacg	nnttacataa	660
cttnnctnta	nnnctgtaac	agttntcagc	aactatcnnt	tatctngctn	annctntact	720
ccnntacnat	actaatanaa	anctctntct	nntaanacat	tcnntactna	aaganctana	780
tntntnecat	atnaattcta	acntngacta	cannatnaat	nnngatncat	atatchaact	840
ntatacnatc	tcntcttcnn	nnaaanancg	caaatnanac	atatgtgtat	naaaatacnn	900
tatataatnn	ntttacnnnn	ttctatctnta	taaatntnt	acntctaact	gtgggnatta	960
tatntatcnn	atctnccatt	angcccttn	ggntacnana	tattcnntcn	accntncnac	1020

gntactanac	tanacatatc	tatntnccct	ctcntacgca	nattattnct	attcctcaga	1080
tanttccaac	gatgaggntn	gatacntnnt	nntttacgct	naanaantac	aacataaatc	1140
tctentatcn	atgtntnnan	acaatcaana	cattntcnct	acttncgaca	caacaactcg	1200
ctntctcatn	actntnnchn	ctcactatnt	aatatnanc	agannnnnch	tatcatctaa	1260
gcaccccant	tntnccatta	ntacttngtt	attacatcct	ctnctctctc	nnca	1314

&lt;210&gt; 2108

&lt;211&gt; 1456

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1456)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2108

ncncncacnn	tnnacnnan	nnaacgacat	ctcnanntat	annnnngant	anntncacan	60
tncnmnaaac	tnccccccc	cactcncccc	cnmntncant	ttaancancg	cactttctgc	120
cttaaaaaag	caccnnntat	actacagtgt	aaacantatt	tnnttnacct	cnantttggn	180
gengncccc	tcnncacctc	atgngggngt	nttttttaan	ttcancatnn	ncccatntaa	240
ntatcaatat	cgmnantnca	cctcnanata	gttgtnattn	tctaacttan	caacnataca	300
ctacatacan	actnanacnt	cctagtgcac	ntanacnnan	gcatacnnc	atnntatcgc	360
aancaacctc	ntctctngta	nnnncngtc	attnnnnact	catatcctna	tctatacaan	420
aanncnctaa	ntntatatct	acgtannctn	tnacaaatca	ntaacnaana	tcnnacntnt	480
acatatcgga	ctnnntanctt	acnctctcat	tnctcttcnn	tnaacatacc	gtantnnntc	540
gcaactatan	atngacatat	atnngtactn	ncannnttac	tnctctncaa	cgcataannna	600
nanncanncg	caaaanatac	gcaacgcatt	tnntnacgca	angcnatccn	atannattca	660
tnnctnaact	cntatcgcta	aactnattca	taactngatn	acttacccta	nnatctnacc	720
aatntatntg	ntcaccceca	nnncttnagn	atnatcaatt	ctnnnnnctc	tnnccncenc	780
tanagaaatg	nctttntaat	ctttncctnac	gacttaccna	atctatgatn	taantctctac	840
atcacnanac	antacannna	cctanncnat	tcanaagtan	atcntacnna	cgcgttagna	900
nacctancna	cnacncatca	anantcgtca	nacctatcta	tcgactcnnn	cgnacgtatn	960
ncacnncac	natcgcntna	cacnacnac	nacmntangt	tactaacnt	ctagatctct	1020
tcanaacnnn	nnnaactcna	ncatcgtaat	ccacntattn	cctntaccac	cnatcnatct	1080
ntanttcnaa	tcgnatctac	acntntactn	tacatctacg	nacncatca	antanacaan	1140
ntanntccnc	atantnctnn	ccaatgancn	aanacacgta	ntangcnatt	ncntcnttcn	1200
caacgtntnta	tagntancnn	angtccntna	catagcagnt	tcnntctann	tnngatatta	1260
cnatnttanc	acntattatc	cctntcaant	tctattccnt	tnnaaatcnn	atnccctatna	1320
tnannccact	tatcnnnccn	atgcactana	aacacnatnn	ncctctacnn	cnatncctan	1380
nannancatc	tatnacacnc	tnnacntacc	tnntntaan	tnacnncctn	actnnnnccn	1440
cnnacnaaca	cannca					1456

&lt;210&gt; 2109

&lt;211&gt; 1107

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1107)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2109

acnttcgttt	ngaacaatat	gcaatgtgaa	gcggtcgcnc	gtgagtttag	taaggctgtg	60
tacactgact	acacactncn	ggnatgcatt	agcnaactgt	gtgatgagng	ggaaatttgt	120

tttatatcag	tnatatatac	atatntataa	ctgatataaa	acanatgata	ntttgacatt	180
nganncnnt	nnaaccatg	cngtccaana	gngctcccta	gnntntctct	gncatngtan	240
gaagaccgta	acctntntc	actncnatgc	accttnaatg	caantcagac	ctatttcctt	300
ccttggggcc	cccctnnatc	tgcttcacca	nccttatttn	gaanggnaga	acanttcanc	360
aaanggtgga	ggnggganan	cannngnacc	ntcctttnaa	ncnngaannn	attccctccc	420
cnngantnga	aaaancctat	tgncctcttc	taattaagna	gagntcanca	cgntnanacc	480
ttntncncta	ngntnaaacn	nactntantt	nnncgcnggg	nttttcatat	nttacccttc	540
annctncacc	ccttcttnac	ntnctccnta	cnnctatccc	cacnatntcc	caatccctaat	600
ntnnatanna	antnagccac	gtcngctnat	cnnncacttc	acacaacatn	natctncnac	660
ncaccacn	ntntttntct	ctctcancnt	acntacatnt	catcnaanca	cantctnacn	720
aangaaatca	attcnannat	nnctcancct	ncttntntc	ntnnnanagt	tnnnnntcac	780
ncgtntaatc	tcattngtnt	nngactatca	gctcncanna	ngtgtnnnnn	cgacatctca	840
tcgtaacact	tatcngcnn	ncnctctaan	ncnananaan	tancngttta	tatcncnctn	900
natntntct	acntntaact	cctncntttt	cngtatttna	gcctantctt	nttnangnct	960
naatgnttca	tatatacatn	ncttttcgcn	cntncaccta	cnettcataa	nncgtatnnt	1020
ctngntcanc	cnacatatac	taatntannn	ncntntnta	tatnctatat	tntctgctan	1080
ctntnattcn	acntnctctg	ntacgcc				1107

&lt;210&gt; 2110

&lt;211&gt; 1475

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1475)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2110

cccnaaccng	tttnttttn	tantannnt	tnnccnannn	nnnnnnntng	anaantanac	60
naccntaan	ntntaaagca	anncnataa	ncgnnanatc	ntanncttan	cntangennt	120
tannntannt	naatngnang	ggcaaanatn	antannnttt	atnanncttn	ttaanccttat	180
ttntncccc	cccgantcta	cntaceccen	acttcntaan	cnnannnnac	nananaanaa	240
anaccngggg	ggtcnatcac	nttaatgagc	nccngcatg	naatgtaaaa	ntccnanaat	300
nttncnatt	ttgcannagg	agcnananga	cnatatgcgg	gggntntta	taannntttt	360
natnccccct	tactttaact	anntccnnnn	nnaacaatnt	netnctccc	cnatnntant	420
ncncannttc	tacnnnannt	nnnntcctt	tnntntcneg	nancntattg	nctttnnnnn	480
taanatnaac	tntattnatn	attanncn	cgnnattaac	annccgcata	nacantntta	540
aatttnttn	ntnttncttn	cctttntacn	acataacnta	tntatnctna	cntacaannt	600
atnaatntac	cnantaacgt	ctantantca	ntatnnttca	tantcacact	gactcngcnn	660
tattatanan	tcantantat	cgntaacatn	tangnatata	acgatcgtat	catatcntac	720
nntctcntat	cactntgntt	ctangntact	ttanatagc	ntaatantct	nantactnct	780
tatntcacgt	acnatatnac	ncntacgata	antataactt	acngatttnn	tcactnancg	840
tatnttatac	natcatnttn	ctctcaccac	tactanccaa	cnnanatatn	ntnnaaantc	900
tntttctaac	ttaagctacc	cncgacgnat	agnccgatant	atntananat	attcaaaactn	960
tnacnnntnn	cntnacatat	ctcacacant	ngnannctcc	tttttatgna	nctaanatat	1020
ncatntnnna	tctantatct	tatataatac	antatnctca	cactcatcta	ntnatttcan	1080
ncctntnata	tacctntnaa	nactctcnan	atgntatcat	cctcanccac	tctctnttac	1140
ggtatttctt	nnatncatcn	ntatgctaca	natacaangt	agtactatan	nacntanct	1200
nacgatatan	ttatgtancn	canatngcta	tntacnncn	anncngata	gntacattat	1260
attnncgta	actnaaactt	atacnaatnc	gctgntntna	tanactatcn	atatctanag	1320
cataactnnn	tattatntaa	tacnaagctn	tnatctcgtn	atgnatcacn	aaacctntct	1380
atantcacnt	natgtacnat	atctatctat	atctaannat	acnccaacca	cntntacgta	1440
ttctaaccat	ntctntata	agtttcanat	accca			1475

&lt;210&gt; 2111

<211> 950  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(950)  
 <223> n = A,T,C or G

<400> 2111  
 nnnnnnnnnn ntcnnnnnnn nnnnnnnntn nnnnnnnngn ntcnnnnnnn nntnnnnnngn 60  
 gnantnnnnn nantnnnnn ncncntntn nnnnnnnntn nnnncgccnc ccncctnana 120  
 nnncccccnc tcnnnnnnnt nntnnnnntt ttnaantaca anttcggcac ggaggataaa 180  
 catcttttta ttcaggancg ctgcgnacnc taacnnncnn ncagggntca tgggattggg 240  
 taccgaggng tgaggaggga atctgcaatn ggcttgntac aagagaacac gcccttttct 300  
 ctgnagattt ccgcccgaag tcgtaccata ctctttaaca gggcacaaac gtcagcaact 360  
 tcaagtttcc tgtgaggatn aacatccaga gtttctaata actaatctcc atngtgcaaa 420  
 agaaaaggcn taacctcagc cccttnagac agcttatgcc angagaagt catgagggtat 480  
 tntaanaaag gctgtngtta ctgncctctat ttctnggnga gcaaggagga agactgtnac 540  
 taatatttnt tggaatacct aatntgtacc acacagtgtt cccagagctn taganatatt 600  
 aactcacata attntctaaa taacttgaag aagggtanata ggaattttta nctccatttt 660  
 acaantgaa aaaacataat gacagngatt gggtgacttg cctaangggc acacaggcnt 720  
 catgangtaa atancaaatt tagctttnag cctcagaatc ttaantcaaa agcccttatg 780  
 cccaagcncc gcaaaggaag annaagaaaa atccacggan ggttnagtgt ggtngnaaac 840  
 ngantgaang gntccntggg gtgtaaaatg gagtngtgga acccctggag ttatttcnaa 900  
 nttnttcttt ntttntctgaa naccctctag ggccaaaatt nggaatggcg 950

<210> 2112  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2112  
 antttcnttg gctgcttatt acgctcacta ttatcaacag caagcacagc caccaccagc 60  
 agccccctga ggtgcaccaa ctacaactca aactaatgga caaggagatc agcagaatcc 120  
 agccccagct ggacagggtg attataccaa ggcttgggaa gagtactaca agaaaatggg 180  
 tcaggcagtt cctgctccga ctggggctcc tccaggtggt cagccagatt atagtgcagc 240  
 ctgggctgag tattatagac aacaagcagc ctattatgcc cagacaagtc cccagggaat 300  
 gccacagcat cctccagcac ctgaggcca ataataagaa gtggacaata cagtatttgc 360  
 ttcattgtgt gggggaaaaa aacctttgtt aaatatatgg atgcagacga cttgatgaag 420  
 atcttaattt tgtttttggt ttaaaatagt gtttcctttt tttttttttt ggaaaatgcn 480  
 aaantntttn tccntcntga tgggggggta ntttttttgt gnaaaaaaaa aaatgggttn 540  
 gtttttagtt ttaaggggaa atgccccctc ccncaaaagg tttggcaatt atgggngna 600  
 gccttgggga naaaaaggcc ttttnaagga accttncctt tnaaaagcct ntttgggctt 660  
 ccaataaang tttganccca aaaaaaaaaa aaaaaaaaaa aaaaaccctt 710

<210> 2113  
 <211> 815  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(815)  
 <223> n = A,T,C or G

<400> 2113  
 atntttttcg aattcgacag aggttgttgt taccgtgtgc cccgngngaa ngacggacac 60  
 tgtatgccac natgccnatn tttagnecat tttcctgac caaacaagct ngattgtttt 120  
 cagctaacag taaccccaga tgagggttac taccagggtg gaaaatttca gtttgaaact 180  
 gaagttcccg atgcgtacaa catggtgcct cccaaagtga aatgcctgac caagatctgg 240  
 caccacaaca tcacagagac aggggaaata tgtctgagtt tattgagaga acattcaatt 300  
 gatggcactg gctgggctcc cacaagaaca ttaaaggatg tcngtttggg gattaaactc 360  
 tttgntttac tgatcttttg aattttgatg atccactgaa tattgaagct gcagaacatc 420  
 attttgcngg acaanggagg acttccggaa taaaagtngg attgactnca tcaaacgtta 480  
 tncncanag ataaaaaggg gacctattgc agggcccnat gggccttngg cnacaanctt 540  
 gtcttcttac cntttaaaac naagtnatgg agggtnggcc ccccnttttt ceggannttt 600  
 aaagcctgcc cttttnnann tncntgggn nttngcccc canttctctg ganaaccctg 660  
 tttgcccctt caanaaaaga aaaccatttt ttcatagaac tngcctnctn tttgngtntt 720  
 ttngaggaaa ttttttnnat taaaataaca ttcennnaaa aangctnttt agggggcctt 780  
 nntnaaaaaa gccttttcgg attaccntt tannn 815

<210> 2114  
 <211> 898  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(898)  
 <223> n = A,T,C or G

<400> 2114  
 ccnctnccn tngtnnnnn nggcgtnnn tnnngnnnn ncnnnncccg nngngngn 60  
 gngnecngtn nntnnnnnn tntngnctnn nccgectnn ngnggggncn nngnnnnann 120  
 nnnnnnggtn ggngannnn tntcgtnnnc ctncnngcnn gnnngctent nttcnenttn 180  
 gngnntnecg gnceccccc gcenncnntn tccccccac cgcctntent nttnnnnnnn 240  
 nttnnnnnnn tatnngcncg tntaacctgn nntcntggg gggggggntt ntatcatntt 300  
 ctncnncnn nnggggncn ncccccnna nntgngngcg antnnnnnn nntnnnnacg 360  
 cgagagnega nncnntnct cgentnctnn tntgncggg nggcnnntn cnttncgcca 420  
 tcnngggggg ntttttttn tggngcncag ngcccnngt nanentcncn ctcgtngggg 480  
 tgntgntcnn cgggtcntt cccntctcnn nntctctant tncgttnnac cnttttcann 540  
 tnnnngntcc tctcncntc cncncncnc cctttgnacn nctnnntnan tnanctnnnn 600  
 tctcncgctn gcncgnnttc cagtnnngtt annctgtcn cnnncgcnng nactncnnag 660  
 ngtgncntgc cnccttngg tncgcncnn ttgcccgnata tntnncntc nnnncnttgg 720  
 cnntgtcnnn antntagncc tngcgtntc gtannnngca ctctccggn nngtngncnn 780  
 cngtacnecg catcctnan ntgcgtcnn ctngannnc anccnncntn tctntngcnn 840  
 tnnnnnccet gntnannatn tctctnngan tntntntcna tancggggtn cgtntnecg 898

<210> 2115  
 <211> 1351  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1351)

<223> n = A,T,C or G

<400> 2115

tccttangca	acgatgttan	tnncnatcnt	gcacnanatc	nttactacac	atctatcttt	60
cnngcgtacc	tnctacagaa	tntntantca	ccncatacan	ctantnntct	atgncccccnc	120
cnncctttacc	ccnccccent	annanncntn	naaacntgaa	nccngggggg	tnttanttan	180
cccttgggccc	cccggtanct	nttatanaaa	aaatacgtaa	nantattnaa	gtttttnngtg	240
nctacnntnn	anccatntgt	gnnggggnnt	ttnttnnant	tcacgntcca	ccttttctna	300
acncnannct	tnatnacatn	annagnngac	acntcaccent	cnacannact	tnttngttat	360
ntttactaan	nnattganaa	tatcnctact	nattctaact	ggngnctacn	cttgngannn	420
antgncgnnn	nancacttcc	aannagaaca	ngnttnnaca	acagtantgt	cnactacnnn	480
nantnatcga	tcactntatn	antnnacntt	ttcnttatct	ctanntactn	gacttttcct	540
acnanttcca	attacnnntn	annanctnnc	cttntactta	ntccttanca	ctananatcn	600
cncacaacna	ntacacnaan	taactntacn	ancgncntat	taantaagct	aaggaccgna	660
acnatcgacn	tatanncacn	ctacnttnta	tntacnntct	tnantaacna	aatntancat	720
aggcganagg	natctacact	anacncatat	ccttggtccaa	aagataccct	aatggnttac	780
gctacgttnc	gatctccaac	ntaatcttat	atangntata	catctcttnt	cacgatacta	840
ctntacgtat	acanattgct	cgcnaacttca	cgntatntca	ctnaagntat	gcccntntct	900
ncatctgntt	atatanngcn	attcaaattn	cngctctcnt	naatgtaact	aannttnnct	960
ntcgattgnc	acncttannt	agcntatgnc	aatctnntnn	tnnntcatat	nttgacacnn	1020
anctntggga	tatctntaat	tttgatcacn	tatnttnaat	tangtacgca	ncgnaatgtc	1080
ttctantgta	cgtgctataa	tntatnggnc	tgtaccgtna	ctantgtntct	caattttatct	1140
cacatatana	cactatatcn	aagtangntn	caaatnatat	ntacngtann	tnccctttacn	1200
ananatnact	atcctactan	nattatacta	tttaannagc	antatcanct	ntnngnacnc	1260
nacgacgcnc	ntatacanta	nntacnttct	attacctatn	ntctcacctc	cctactcatc	1320
naaantanc	atgntacac	angnaaangc	a			1351

<210> 2116

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 2116

anttcnatcg	ccgaggcccg	tttgcaaaaa	tgcagcaaaa	aagttactta	gtctggtgtg	60
ttagtagaat	ttacctctac	tcattcatca	gcctctttat	atatatgatt	ttaagtcctt	120
tcattgcact	gatcactgat	acatacgaaa	caattaagca	ataccaacaa	gatggcttcc	180
cagagactga	acttcgtaca	tttatatcag	aatgcaaaga	tctacccaac	tctggaaaat	240
acagattaga	agatgaccct	ccagtatctt	tattctgctg	ttgtaaaaag	tagctatcag	300
gtttatctgt	acttttagagg	aaaatataat	gtgtagctga	gttggaacac	tgtggatatt	360
ctgagatcag	atgtagtatg	tttgaagact	gttattttga	gctaattgag	acctataatt	420
caccaataac	tgnttatatt	tttaaaagca	atatttaatg	tctttgcaac	tttatgctgg	480
gattgttttt	aaaaaaactt	taatgaggaa	agctattgga	ttattattat	ttcttggtta	540
ttttgccatg	gcttttagaat	gnattctgna	tgcctctctt	ttgctctgat	ctgggtgctct	600
gctattctga	tgggcaactg	nttaatagtg	ggaaacaatc	ctgggctgnt	gggctttggc	660
aactcagacc	ctgnttggn	ctctcaggag	tcactctgaa	agagt		705

<210> 2117

<211> 737

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2117  
 aagttcaatc ggacgagacc cttcttgctg tatctccggt gtgtatcagc tctccaactc 60  
 tatgtcataa ttcagttcat ggggatcttg attaccttcc cctccacaa aatattacac 120  
 tgattgggta tatcgatgac attatgctga ttgacctag tgagcaagaa gtaggaacta 180  
 cattagactt agtggaaga catttgcatc agagggtagg aaataaatat gactacaatt 240  
 caagggcctt ctaccttagt gaaattggta gggaccagtg gacatggggc atgttaggat 300  
 atttcttcta cgggtgaagga taagtacttg catcttgctg ctcttaaaac caagaaagag 360  
 gcacaatact tagtgggcct ctttgggttt tggaggcaac attttccaat ttcattatgt 420  
 tacaccagcc tgtttaccaa ttgactcaa aagctgctag ttttgagtag ggccagaaac 480  
 aagaaaagag tctgcaacag gtccangctg ctgtgcaagc tgctctgcca cttgggtcat 540  
 atgatccagt ggtgtttcaa tggcagtggc aaataaggga tgctgtttgg aagcttctgg 600  
 caggtcccta tangtgaatc ttggtttaag attttagagc caaaaccgg ccctttaccc 660  
 aacaaaataa ctagtctttt ttttgagaaa acaagcttct tgggcctgct actggggcct 720  
 taataaaaan tggatnc 737

<210> 2118  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(738)  
 <223> n = A,T,C or G

<400> 2118  
 agttcntttg gaacaatatg caatgtgaag cggctcgtgtt gtgagtttag taaggctgtg 60  
 tacactgaca cctttgcagg catgcatgtg cttgtgtgtg tgtgtgtgtg tgtccttgtg 120  
 catgagctac gcctgcctcc cctgtgcagt cctgggatgt ggctgcagca gcggtggcct 180  
 cttttcagat catggcatcc aagagtgcgc cgagtctgtc tctgtcatgg tagagaccga 240  
 gcctctgtca ctgcaggcac tcaatgcagc cagacctatt cctcctgggc ccctcatctg 300  
 ctcagcagct atttgaatga gatgattcag aaggggaggg gagacaggta acgtctgtaa 360  
 gctgaagttt cactccggag tgagaagctt tgccctccta agagagagag acagagagac 420  
 agagagagag aaagagagag tgtgtgggtc tatgtaaatg catctgtcct catgtgttga 480  
 tgtaaccoga ttcactcttc agaagggagg ctggggttca ttttcgagta gtattttata 540  
 ctttagtgaa cgtggactcc agactctctg tgaaccctat gagaaccgcc gtctgggccc 600  
 cgnatgtnc ttancacaag gggggccnc cgttttgagt gaaggtttct tganctgctc 660  
 ttgaaataaa nccttgcttg gctgcttggg ccttgggcct taattcaaat ctattgaatg 720  
 cttgttgncc caggtttt 738

<210> 2119  
 <211> 685  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(685)  
 <223> n = A,T,C or G

<400> 2119



```

ttcataaggg ctctagaaaa aacgagttat tcacaccagc atcatcttaa ctaacattct 60
gaactagtta gtgcagcttt tcattgtgtt gtgtggttg tctcataact aggttgagtt 120
tttctcctct gctgaggaaa cagtaccgaa gttctttttc ttgtggcatt tgtattataa 180
aaacttggtg tgggggagga gcacaaaact ccagcccact gaacctctgc caattaagat 240
ggtgttgggt taggttacat ctggttactg tcctgggaaa atcattttta tagagatggc 300
cttccaagtg gttttaaaat ttactgaagt ttttaggtca attatgtatg ttgactaaat 360
ttacaaataa acttgtttat ccaactaagt gtccaaaacc taaattgaat gtactaagtt 420
ttcacatgtc ccattatcta gnccttgnat actaatgttt tgaacttaga tcatttcang 480
tggtgtttgg tgataaaagg aaccttttat ttataaagaa tctgtagaaa gcatgtgaac 540
aagctctctg cttgattaag angccataat agtgctgtat ttgcagtngg ggctaagaca 600
aagtatatta ataaagcttt cccccccca ctcccggtcc ctantgnana acccccaggt 660
gnanaactca gtcttaaact tcagt 685

```

&lt;210&gt; 2120

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (763)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2120

```

agtcnaacgc gagttnncta gcannttntc nagcaatngg catgncatgt agagctccna 60
ngatttgta ccattcctgca acaggagcca gaggagaata tgcctcaatc aaaatcaggg 120
taaaaatttg tttcaattct gcgtgtgagc tgggacctta agtctttctg gtcgctattt 180
ggtaggggac caaatgtggc cagtcacact ggaaaagttt attttagatt gtcccacttt 240
gtgacatgca ctaggatctt ttcattgtga gagttcattt tttccctatg aagaaagaga 300
ttcaattagt ttattcattt tgtaggtaat tttgagggca ttggggaaaa cagaagtagg 360
tggtcctctg aacaacttgt acaataaaat attttggcct caatttgaca caaatgatg 420
ttgacattgc tgcacataag tccccatgga acttattatg ttataaaca caagagacac 480
tcttagaagg gaataccttg gtcctttnc agtagaagtt ccgaattctg gagaaacatt 540
cgactgcattg ttttctagca atgagatatt cgattcaagt ccttgaggatg tatggggggg 600
tttcaagttt ttgnttggag ttgngggtt tttttttgaa aatnccatta gngggtagna 660
aattttcaaa gaatgggncc ccagtaaaac cacttgggcc cagtcntttt tggacttcaa 720
gtggaaaaaa aaattggggg tccccngggg ggaattttcc ctt 763

```

&lt;210&gt; 2121

&lt;211&gt; 816

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (816)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2121

```

agannnagta gaagggtcc tttcctaaat ccttgacgat tgacaacacc catttttctt 60
tttgccgacc ccaagagttt tgggagttgt agttaatcat caagagaatt tggggcttcc 120
aagttgttca ggtcctctga caccttttgg tatcgtaaat tttactgatt tgtgtagaat 180
gtcagttgta ttttaccagc taatatctag aaatgctggc aagagggggt tactccagct 240
ttagattgta ggtatgttag cttttttcat acagtgtatt aaatttactg agtcagcttg 300
ctgaataaga cagaagccca agaattttta cagtgtgtag ctttagttgt ctaaaagtta 360
ggccttcggg cttcaaaagt tagtggcat cgaaaagcat taatctttgc agtttcaggt 420

```

```

acaacacatt ggntttgatt aaggatgggg atggggccct ctttttgag aatggggaaa      480
agtattgaca ggaatttgag agctattggg angcccagtg gtataaagggt attgtgaaaa      540
acaagaaatt aaagttantt ggtcttgnaa gtggactgga aanccatttt aaggctctta      600
tcaaaggnc taaaaaaatt tgggtaaaat aatggangtt ttgggtaaat gcccaaaatt      660
ggtgggccaa gtngggaacc aattattttt aaatttttaa aaattttattg ttaaaattgg      720
gcattaaagt taccttaagc cccaagtta ttttttttta aatnaaaaaa ggtttatttt      780
nntttaaacc naaatgttc aangtttgcc antttt      816

```

&lt;210&gt; 2122

&lt;211&gt; 712

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(712)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2122

```

aaatgcantg tttgaacctg angaaaagtt aaagtgtana aaatattgnc ttgccgaagg      60
attttgacgn cctctgtcag taacttccat tgattaggca gacatattca ggtaaaccct      120
aatcattaaa aaaaaattat caatgtagaa agtaattccc ttttttctct ctgagatata      180
cctcaatcac acacttcccc acccccactt gaaacagacc tcttcacttg tgtttttttt      240
tcctgagggt gagtcttccc ctgttgccca ggctggagtg cagtgggatg atcttggtctc      300
actgcaactt ctgccacctg gggtcaagggt attctcgtgc ctcaacctcc tgagttagctg      360
ggactgcagg cacgcgccac ctgtattttt gtatttttag taaagacggg ggtttgccat      420
gttgcccagg ctggttttga actcctggcc tcangtgatc tgcccacctt ggcctcccaa      480
agtgtcggga ttacaggtgt gagccaccgc acctggccaa accgnttcac tttgtaaaan      540
aaattaaggc taataaaaaa gngtaagtt ttttganaaa atgaaaattt taactttaac      600
cctttttcac taagtaaaat agccacaatc ntcaatttct tccctttggn aaaaaggggg      660
gttacctaact ggggccctac cctcatattn tattgaaaaa agnaattttg nt      712

```

&lt;210&gt; 2123

&lt;211&gt; 802

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(802)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2123

```

actttacaat ccnagaaat naactcacta ttatanacan ngagcacngc nacnatnagc      60
agcatctagn tgcagnctac gtncattgag aaggaggtct tccccattat ggccaaggag      120
gggcagctat atgccatgga gttacagggc ttctggatgg acattgggca gcccaaggac      180
ttcctcactg gcatgtgcct cttcctgcag tcaatgaggc agaagcagcc tgagcggctg      240
tgctcaggcc ctggcattgt gggcaacgtg ctggtggacc caagtgcccg catcggccag      300
aactgcagca ttggcccaa tgtgagcctg ggacctggcg tgggtggtcga agatgggtgtg      360
tgtatccggc ggtgcacggg gctgcgggat gcccggatcc gtcccatc ctggcttgag      420
tcctgcattg tgggctggcg ctgcccgtg ggtcagtggt tacgcatgga gaacgtgaca      480
gtgcttgggt gaggacgtca tagttaatga tgagctctac cttcaacgga acccagcgtg      540
cttgcccaca agtctattng gcgaagtcaa tggccaaaaa cctcgtattc atcaattggt      600
gaaaggggna tgccaatggg gggcttgggc ccgaaacccc cggggttttt ccattttcaa      660
accaaanggg ggaatggct tgggcccttg acaccaatc agaaaagaac cccttgggac      720
cttgggcaat ttaatttttg gcctnggggg gggggccact tggggttggg aaaaccttn      780

```

aaaanctttt ttttgggnac nn

802

<210> 2124  
 <211> 1508  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1508)  
 <223> n = A,T,C or G

<400> 2124  
 cnaancannn aanncnncct nntcctnnnn cncatnnnnn tcncnatann ctnnncannn 60  
 canncnannn nnnnnnannn nngtgtntcn cnanncanan agggncancg acncnaccnn 120  
 ancncantn atntnnnant ncccccccn tanncanccc cccctcntn nnnnnnnna 180  
 natgncgctt atcnantecn ngggntttat atnnnaccng anaanccgaa gtcgatagaa 240  
 atgaaaggcc tgaattttgc acgaangcat tccatgtntt ttatagnagg cnaaggggcg 300  
 naaatntttg nggatgggag tacaatgtg ccttngtaaa atatgttgna aanggatcat 360  
 ttcagaaccc ctngcnacnn cgtgncanac tntcannccn nnnattaatg gaatttncca 420  
 nctggtctcc ncngcncaa nccactggcct nngnatgtg gnnncaccng nccggnggcn 480  
 tatttggcac nnngaaggcn annaaaactn tntnncacac ncgcnnnact cntncntagt 540  
 nggaccctt tngccncnn annagngca cncgtaact antngnnntc nnggactcac 600  
 ccacactnan ccatnacnnc cacaatatnt angtgttnat tagatgngat aagtnctctc 660  
 actcgatcta atctnncant cncatannt tcgaaaagan antgctngan anctcnanat 720  
 gcanactaa tnnncanacg gtcatanaaa nctcactgtt tanctgcct cgtctanana 780  
 ccgnanccat tcnnatcant tacacatngg aannaacccn cccananngt naannncata 840  
 cggggngacg gggtaacacc cctctcttc acntatnaat ngggnnaaac cnaaatntta 900  
 tccaaaanan tttttcttaa tngtctntcn nncgntnnac atngaaatgn tnagcctcng 960  
 ataagtttna tatnccactga naanaanacg ngactatnct ntcnaccn tctcntanna 1020  
 tcgcgaaang gncgaaaaaa tactcgtnnn anacgaatan canncgctat gataccgnac 1080  
 gncacnannn anncnntgt aanntttntc tcaactctnt gnccacataa annagatnta 1140  
 actancatnt nccactnagg gaaatgttaa gnnacngnng tcaancgnaa acnttgacgg 1200  
 gnggcattgct tatatttaaag aatnnanann gtannnctnn tagntacanc nccactctcn 1260  
 ggcganacga agaantnatt anaaaancna cagatngnna ctataatgta aattanacg 1320  
 aacnngcac ggcgcctcna cgttagtntc ctctctntnn tcnatggnta cncacgtnat 1380  
 ctactgaca cnntantaat tccnnntntc tccagccnaa ataaccaacc tatntttatc 1440  
 ntccatangc tcancagcna tgcttatcgt ctnnccatctc aaaccganca tanctgnagc 1500  
 cntcnccg 1508

<210> 2125  
 <211> 805  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(805)  
 <223> n = A,T,C or G

<400> 2125  
 tanccttnaa ctcttgtctt ttgagatc nnnnnntca attcggnacg aggtcagctc 60  
 gggcaagccc tccganaaga acctctacgc cgacatcgac gccgtttnnn nggcnctgct 120  
 cncccggtat ggcgtgagtc ccgagaacat tatcctctat ggtcagagca tngggactgt 180  
 cccacggta gactnggctt cgaggatga atgcgcagcg gtaattctcc attcccctct 240  
 gatgtctggt ttgctgtggt cttttccgga taccaggaaa acatactgct ttgatgcttt 300

```

ccccagcatt gacaagatat ctaaagtcac ctctcctgtg ttggcattca tggtagagag      360
gatgagggtca tcgattttctc ccatggccta ncgatgtacg agcgctgtcc ccgagccgtg      420
gagcccccttt tgggttgaaa ggggcttggg cataatgaca tagagcttta tgcacaatac      480
ctagaaaagac taaaacaagt tcatactca cgaacttctt aattcctgaa gacaacaact      540
tggatcttac ctcatctact gngaacaaga anantcctct gttttgcaca tgctttaact      600
gggtagctgn aaaaggcttt gataccatga aaaaatgccc aaccctttag ggggntctaa      660
atcaaaaagac cttgatgaaa tctcaagtct ttttgtattc taagangngg ggtcntgntt      720
aattcncaca aacacgttaa aactggaaca gtcngngaag tcccnncctt tcattaccct      780
tgccaggaat ngggaatgaa aaccn                                     805

```

&lt;210&gt; 2126

&lt;211&gt; 882

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (882)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2126

```

tancctttca actcttgntt tttgcatgat nnnatnnncc nnttnnnntt nngtccgat      60
ggtaaatttc agatttttgc ctatagaggg aaagtccctg tggttntnag ttacagacct      120
gccaggggag tcctgcagcc agacacctg tccattgcta gccatgcatac attaccacaaat      180
atatggaccg catggcaagc cataaccccc ttgggtggagg aactgaatgt cctacttcag      240
gaatggcctg gactgcacta caccgtgcac attctctgtt ctaagtgcct taagagagga      300
tcgccccaatc cacatgcttt tccagggaat tctgctgtga tagagaactg cgtaacaggc      360
cttttctgtg agcgctcact catacattat gcacgacgtg gctaagatct ttgaagcgca      420
tggagacagg cacatctctg agaggggagt tgctgagtca gcccanaccg gaaggagtgg      480
cagagatcat ttgccccaaag aacggcagcg agcgagtaaa tgttgccctng gtttaccac      540
ccacgcccga ctgtgaatca agccccctgg ttccaaagaa ngaaattggt ggggtcaaaa      600
agccacanga aaaccagtg gaccgtttc gnnngcctgn tgggaaattn tcccattggg      660
annaaaaaag anaaagcnat tnttgaacca cctnggaac caatntnttt ttgccanccc      720
ttgggcaaaa accccttttt ggnaacttca acccccaaac gggggtttct gggggaaacc      780
ttngagtgtg nacnaaacgc nttgccttgg caaggggngg gccntttctn ngnacaaaac      840
ttggggggaa aaaaaggctn gggggaaagn ggggttttnn tn                                     882

```

&lt;210&gt; 2127

&lt;211&gt; 1222

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1222)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2127

```

caagnggggg ngaggggggg ggnaaaaatt nnnnnattnt ttccaaaaac cnaattnnct      60
ncccgaaagg gaaatttntn ntncncccca acanaaaaa anggtttttt tntttntcnn      120
nnnnnnnnca ccaaccennn ncnncnaca nncctngnn ngncgnncn ngncnngng      180
gggggggttt tnttcncaa nntcnccnac accgggggccc cancgtaaat attgtcgnaa      240
aaantctttt nanannnaan gngggggcnn atntnannca gnnngngagg agaaanaanc      300
nnttaactnn cacanaaang aggtctctcc ancgtgcnc natcncccc acngctgtna      360
nntgggnccc cccccaaaa ngaccccccc gccataatcc tggcccnaga aaatacttcc      420
cnnngnagc cattccccat cnccttncnc tcnngantcc cnangcccn angngantt      480

```

```

ttanantccc ccaggtaagg tctnanatng annccncnag aatggngnga cccccctncc 540
cnggttgga gnnacttntn nngnaanggg nangnacccg gggaaanccc nccnccncc 600
agccntggcc ataaaaaccg gccnaatcc angntntcn acccttccnn cncannaaga 660
aaaacttcta anccccccna aanaancanc aantcctnat ggccccaaaa nannnangcc 720
attaaccccc ccnnaattt ntccgctcac ccnggngcn gnanatttaa ncccccaat 780
aanacncccc cagncctt cnggggggnc ncaaanang nggggngaatt cntgnaaaaa 840
aaaacntcc cccncncgcg ccnaancggg ggnaccnnaa caatantcct ccgcccanta 900
cannccccctc cnnatantcc cccccgcgt nnaaacnccn canncgcgac canaccncca 960
ctcctctctc gannacacn gntnnggtgc accgcgcaa acccncnna cataaannca 1020
cacccccccc cnactctacc ccccaccact catnatnccc nctccancnn cnetcccccc 1080
ccnttctcat ngcacncccg cnatacgna catcncgaa ctatgncng ncccccccg 1140
tncacggacc cngcccatg gancccccct agatcnagga ccccccccn ccggaatctc 1200
ccccnggtnc naacaccccc cn 1222

```

&lt;210&gt; 2128

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2128

```

ntaatccttt caactnctng nnetttttgc angatnnnnn tnnnnacgaa tnnnnnnccg 60
agagtagaaa tagtctttta tgaaatnnta tacttatgga aaatatatga ctggtatatg 120
attccttttag aggaagaaaa tttcaatttt cagattcaaa ggaagcacc ttcttagtct 180
atatatatag taagcggaga actagtttta cagtgtcat ttcaggtctt cagtaagtgt 240
gtatgatgat gtcagaagta ttcatgtgct cactttcaaa tcaactgaaa ttcagccatg 300
ctaaggttgg ctattacgtg tattagcgtt tccaagcgag tgggtcttggc tggggtgaga 360
ttgtcagctg tctgttagga ttagtcacaa caaacatggg gcaaatgggt tccaacaaca 420
gcgcacttca aggttacctt cataattctt tctgccagaa ccaaaaaaac aatactcttg 480
agctactcag tgttccaatt gttaaaaatt tctgaaatt ttcttcatg tattcaaagg 540
ngaaacataa agatctagaa ggatgggtgt gaaaaagtat ggactttata gtatctagt 600
ggcattttca ttgagcccaa atgataaatt ctgtttccaa gtcttttaag tgaaaaaaa 660
aaacctctag aactatagtg agtcgtatta cgtagatcca gaaatgataa gatccattgt 720
gagtttggac aaacccact agaatgcca naaaaaatgc ttattgggaa tttgngatgc 780
tatgcttan 789

```

&lt;210&gt; 2129

&lt;211&gt; 1481

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1481)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2129

```

aancnccnna cnganaanga nannacnna cgcagcgan nccggngcga ngnnnnacna 60
ngnganacnn acacacacnn acgcgcnang aggnacncgc ncnggnnaga aanangnaga 120
ngngncanga nncacgagng gnnangacag ggnaancaca nccgagcang nncgngcaca 180
cacgagaacn cacnnnccnc ccngcngcac ccctaagngg aaaanccct ttnccaaaaa 240
annnccngn nnnagnnna nacacngang aacacgaagc acgnccccc acancgacac 300

```

angagcagcn	nnancagnca	aaacnannaa	ncngnncagn	cganncacgc	naaggcncna	360
gnanncnaaa	ccgacaacaa	cacnanacaa	actaanaaaa	aaaacaacaa	ccnncgcnan	420
gnacagaann	anagnaaana	naacaanaaa	naagannann	gaacacngaa	cnannngcan	480
caagcnaaan	aanaganann	ccagnanccn	cagcncgnaa	caaganngga	nngnagnaana	540
gccannggnn	nnnannanaa	ngcgaaacgg	gnannanaag	aaacnngnng	nncnaangaa	600
aaancacagc	anaaccnnaa	aanaanaaga	aacgggnang	gaangcnan	nncaaaaccg	660
ggangncann	gcggaacaaa	ncnaccaacc	actacgggga	cangncancg	natacangcc	720
nganacanac	gcngnanana	ggcgaaggcn	cgcacgagga	ancnaaaaca	cnagnaana	780
ngnaaaagaa	annnggnaca	cacngaancn	nagnanaaaa	aaangcggga	natccaacaa	840
nagccacgna	nttgngggaa	ngnannannc	nnagcgaccg	aaaacnannn	gcacgggnca	900
gtnatggaan	gcnagcannc	cacntgnnc	ccannncnnt	cnaccnnngn	aagntgaanc	960
ngntcnaacg	aancacgtgn	aggnnctggn	cnangacnca	nggcacatca	cacacagctc	1020
tccacgaata	ntctgagaga	cagaagcggn	aaaanaccnc	gcncacnca	cganaaanac	1080
ncncganang	acgaccnnc	aaacaanacc	gcggaagncn	agangacgan	nangggngac	1140
gcanntgncn	ccnagcagag	acgnanncg	nagngnacga	nggaccgaag	cacgacaanc	1200
ncgacaanga	catgggcggg	agccacacna	cnngngcg	gggaaaaaaa	aaaaaagac	1260
cangcacacg	ggnggcgcac	gaaacagcna	ggnggggana	naannncnaa	gaacagngac	1320
gcaagaaaaa	nnngngngg	aaaantacaa	ctcacgat	tgaaccgggn	ggagggcaaa	1380
acacacaacg	caccnnaaag	gaaacgnaca	cgangggggg	gaggaaccac	aaaacatcac	1440
acaaaancgn	ngggnagcnc	gacaacaaaa	aaaangggng	n		1481

&lt;210&gt; 2130

&lt;211&gt; 1153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1153)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2130

gncangngag	gcacgcgcac	gnnggcnan	naagnngcgn	ngggannnca	cggannga	60
nnnggggann	ccnnncnnnc	nnnngcnnaa	ccttgcaactc	cggtcnnga	ggaggnccca	120
cgcccnagc	ggcacgagga	gaagcncaaa	agcncanggg	ccttnnnaag	gccccnnang	180
gaacccaggn	agggngngg	agganncnna	nagaaannna	aaaccgggag	gcgncncnca	240
aacggcancc	cggnngnacc	cgncccgncg	aaaacngaac	caaannngag	gcgggggaaa	300
ccccganaag	nggaaacggg	ggaannanaa	acnnncggna	ncngganagg	gcngggggca	360
caaanaantc	naaacccntg	aggggaagggg	gccnnncnngn	tnnaaancaa	acanaggggg	420
ggnnnaaaan	ggggggaanc	cggaaccccc	cnacgcngn	anggcagngg	gngangnac	480
nggggaaaaa	cccccccc	anaacnncag	gacnncgtn	ggggcccaen	anaacncanc	540
ccgngggcgn	angggaaaaa	naananaann	nnnagagggg	gggggcgcga	cgcgaaannn	600
ncannnnngcn	cgcgggccan	ccnngggggg	aantccccga	cacnccnngg	ggaaagaanc	660
ancctcctgn	annngnnngga	cccatgnggc	aaacccccacn	tgggtaannc	gngcnaaccn	720
ctgatngggg	ngggcccaaa	taaaaaacca	ancnaggggn	ggggcccgag	aacccagang	780
gtaaaacagc	nncttaaaaa	aaaattggaa	nncaggggan	ttnggnntaa	naacccaaan	840
agnncctagg	aancncgggc	gnacgggctn	ancccaacncg	nagaaaagga	anctcacgng	900
ggaacnanaa	gcgaatcccc	agaanaaaaa	aaccnncnccn	ngggcaccce	aaacnnggcc	960
nggnctataa	aaaanggggg	cccnggggcta	anaggaacaa	anncanntcg	gggnnanggg	1020
ggnnnnanaac	cgaaaggaag	aaagggcngg	ccccaaaccng	ggangggggg	nnaanancag	1080
gtagatcaac	cnactngggg	gnaaaagggg	gncaggggacc	tctangnnag	ggncnncann	1140
cggggggaag	ann					1153

&lt;210&gt; 2131

&lt;211&gt; 779

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 2131

gnantcnnnn	caggatgcac	gggcactttg	gaggaccnag	cggccactct	gagtaagatc	60
atccaggtgg	cggtggaact	gaaggattcc	atgggggacc	tctattcctt	ctcagctctc	120
atgaaaagccc	tggaaatgcc	acagatcaca	aggttagaaa	agacgtggac	tgctctgagg	180
caccantaca	cccaaactgc	cattctctat	gagaaacagc	tgaagccctt	cagcaaactc	240
ctgcatgaag	gcagagagtc	cacatgtgtt	cccccaaaca	atgtatcagt	ccctgctga	300
tgccgcttgt	gacgttaatg	gagcgccagg	ctgtgacttt	tgaaggaaac	gacatgtggg	360
aaaaaaacga	ccagagcttg	tgaaatcatg	ctgaaccatt	tggcaacagc	gccgattcat	420
ggccgaggct	gcaagacagc	tcccggatga	atgctgagag	gancctggca	aggttttcaa	480
cccagatgaa	ganntgaatt	gaaatctgca	agactgaatt	ttnaaatgcg	attgctatgg	540
ggcaagcaaa	aggtgcacaa	gtcatcagac	nggagagatn	ttgagnanat	tcaacccagg	600
attttaactg	ccnctcgcg	taaattnnga	accttcttct	tgtaaancag	gcagaacttt	660
tgantaactt	ctcccgagaa	ccctttaaaa	tattntnttc	aaagtttccc	ccaaccttca	720
atntttgngg	aaagcntact	ngnnntcgnt	naaaatnnca	ntnggccaaa	anttccnnn	779

<210> 2132

<211> 826

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (826)

<223> n = A,T,C or G

<400> 2132

nctaaacctt	tnaactccng	ncntttgcgg	annnnnnngnn	angaantnnn	nncagattnc	60
actggaatat	nnaaaaantt	tnctttttaa	ctccctatag	gtcaangntt	ttngtttcca	120
tnatatacggc	cataatcntc	catagctnag	ntnatatgcc	attgttgat	tanaagggan	180
caaaaacctt	nggaacaaa	tagncttgcc	aagtggcag	tttgtgccct	ctcagctgtt	240
taacttatgt	aatggatgtc	cgcacctgaa	aacactataa	aaatccagcg	gttgntnaaa	300
aagnccatnc	gtcactaatt	ccatncaggt	tctccaaccn	cttcttgaat	atcattgcc	360
ccattttttac	tgttagaata	aagaggcgac	accataaagc	cctgctgaca	atgagagtng	420
gntcaggaca	nctgtgattg	aaatatggcc	gctattttaca	gtntttcagg	ggaaangtaa	480
nacnntcca	tgnaantaa	agagctnaag	tgggtctaca	gttaaatgng	acatngcagg	540
gacgannata	ntttttaaaa	cnacaatttc	gntgctaaaa	aagcctncta	ggcccnngcc	600
aaattaatgc	agtnanaacc	nnggggttgc	caaaaangga	antatcacc	cntnctttaa	660
aaaaangctt	aaccccccca	tatccantc	ttcatcanac	ccttgntnnc	cntctggttt	720
aaaacgnnaa	nccaaacctt	gggntggnt	tgncnaacc	aaacccccac	ccaaaaagac	780
cgaccttg	tcctatngnc	aaanaaanc	ccctttttca	tttggn		826

<210> 2133

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (868)

<223> n = A,T,C or G

<400> 2133

antcngactc	ttnggaaaac	ttcncnnntt	ttaggaaaaa	anccccccna	annnnngggan	60
gnnggggnncn	aagaataang	angtngggccg	gttttnnaac	antancccn	tnngnanggg	120
cttnnnnttt	ntnggggnat	attggnnacc	naangggcng	gnngggaccn	aaaantgggg	180
gnaananaaa	cnnaancnc	ggttttggcc	ttncctggtt	cccttaanna	ttcngggaat	240
gggntancaa	aatnggnngg	aggcttntng	nngttaacaa	atggtaactt	tcaagagact	300
tttagaggga	aaaaaataat	ttaaaataac	tggcaaaactg	gttcaannnn	ncccccnant	360
ttttcacgng	cataaacccc	ttttaaaaag	gnaaatTTTT	acactatTTT	ggtngttaa	420
aagggaggca	tttctacttt	ccttngagggt	tttnggtggt	ggccaaaacc	ttaaaaaaca	480
ttttcccttt	ttngggaacc	atggagggtt	ataagggtta	ttacttttt	tccttttacc	540
atnggtttac	cacctttttt	aataaaaaaa	tccaggattt	ttttcaagng	gggccttctt	600
ccccnggaat	anttaaaca	ggaaattggg	ttggnggtaa	acctcaaaag	gaaattnggc	660
ttttttaata	ngaacttggg	attttcaaaa	tttctttaaa	ggnttcagcc	cttttnccct	720
tatcaaaatc	cacaaaatc	atggtattng	ggaaaattaa	ttaaaatggg	gcaaccccaa	780
aaaaactggg	ggtttttnaa	aaaaaaaaat	ttttttgggg	ataatcaatt	gganggggct	840
ggggccacan	ttatattatt	ngggggggg				868

<210> 2134

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 2134

ngtctttttg	cagggatnnn	ntnnnnannn	ngnnnnnnag	gnattngaac	aaccacctgt	60
ggnttttata	nctnaccncc	gatgangnca	tggtntttga	ttccttttag	aggaagaana	120
tttnaatTTT	cagattcaaa	ggaagcacc	ttcctagtct	atatatatag	taagcggaga	180
actagtTTTA	cagtgtcat	ttcaggtctt	cagtaagtgt	gtatgatgat	gtcagaagta	240
ttcattggct	cactttcaaa	tcactgaaa	ttcagccatg	ctaaggtnng	ctattacgtg	300
tattagcgtt	tccaagcgag	tggtcttggc	tggggtgaga	ttgtcagcct	gnctgttagg	360
attagtcaca	acaaacatgg	tgcaaatggt	ttcaacaaca	gcgcacttca	ngggttacctt	420
cataattctt	ttctgccaga	acccaaaaaa	caatactctt	gagctactca	gtgttccaat	480
tgTTAAAAAT	ttcctgaaat	tttcttcatg	tattcaaaagt	gaaacataaa	gatctagnan	540
gatggngng	aaaagtatgg	acnttatant	atcttagtgg	gcnttctcat	tgagcccaan	600
tgataaattt	ctgttttccc	aagtnttttc	angttgaaaa	aaaaaaaaacc	nctcncaacn	660
ttagnngngg	tnacttncg	cnagnncccn	gncattgata	aagacacntt	ggntnagttt	720
ngggcaaaac	ccccacctgg	naatngccnc	tganaaaaaa	ngcttttttt	tgggaaaate	780
ngnggatggc	tentgcttta	atnttncn				808

<210> 2135

<211> 1013

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1013)

<223> n = A,T,C or G

<400> 2135



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ngnntcnnat cctttgcaag cccctgtgct cttnttggcg agggatccca tcgattcgaa      60
ttcgggcacg aggggaacatn ttncnaattn ggctcccttt tttnattttt ccnngaattnt    120
ggggggnaat tttcctgggg gcaaaatngg gnnttttttt ttggancccc aacccttttg      180
gcttatggag attggaatcc tntcangggg ggaaccaggg gangccattt ggnngataac      240
ggttcaattt ggaccgcccc caagggantg gaacttacca ttgggagggg cttttaaaca      300
aaggaacttt caacaattta cttggttttc ttaanaggcc cttacaaaaa nggttaaacc      360
cccagcaaca ttggaaattt tttggagggg ttttttantt ccacaaaaag gatggatngg      420
gncttggtcc tgggaatgaa tcacaaaaaa ataagaaaac accnnnnacc gccaatttcc      480
attcaaaaag gggccaantn ggatgaacct ttgcaagatg ccttggggcc ttaggaaaaa      540
accttccatt ccttaagcct ttttaatctg ggaccttagg taatcntatt ggacccattt      600
caaatatttt ggnaaggccc tttnaagtaa aggggggggt ggcaagaaaa ccttcaattt      660
ccacaaactt ggnccgnacc cctttgggga aanaacctat ttaaaaataa tctttnanta      720
ntcaaaaatn tcaagggtan ttggaaaaaa agctattttc ttcntntngg atgggttngg      780
caagcaaaaa attcttaca ttggcgaacc agaacagggt tcccncctgg ggggatatgg      840
ccaatccttt atggaacttt tgcttnggga acaatgaatc ggatgttggg aaattggaat      900
gtggcnttgg nnntataatn ggggttaaaa ngggaaagaa tgggaagtng gnaantggct      960
ttantgnaca aaaaaatcta atngggcgnt tnatgnangc tggaataaat ncn              1013

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&lt;210&gt; 2136

&lt;211&gt; 777

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (777)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2136

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ngagtcnnnn cgagacttgg caaatgttgc taacaacntc aagcagaatt tgatgacggt      60
ggcaaacctt ggtgtggtgt ttggaccac tctgctgagg cctcaggaag aaacagtagc      120
agccatcatg gacatcaaatt ttcagaacat tgtcattgag atcctaatag aaaaccacga      180
aaagatatatt aacaccgtgc ccgatatgcc tctcaccaat gccagctgc accgtgtctcg      240
gaagaagagc agtgactcca agccccgtt ctgcagccga gaggccctg acgctcttcc      300
acaccgttca gtcaacagag aaacaggaac aaaggaacag catcatcaac tncagtttgg      360
aatctgtctc atcaaatcca aacagcatcc ttaattccag cagcagctta cagcccaaca      420
tgactncag tgaccagac ctggctgtgg tcaaacccac ccggnccaac tcaactcccc      480
ccgaatccaa gcccaacttt caccctntc gccatcttgg cccatgttct nggcgccatc      540
cagccctatg cccacctcat tcacgttcag cggactcatc ccccgtcagg aacacccgtt      600
tcgggaangg caaaaagcct tgtntgcctg caaagctngn acattgactc canaaacttt      660
ccnttcacag gcangncnnc gnccttcgat aatgggtcac ccaatcttaa ggaaccttgg      720
ctgggttggg ngggggactc ttgaacngga aagactggcc tnaattcctt gaaaatn      777

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&lt;210&gt; 2137

&lt;211&gt; 928

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (928)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2137

```

gnagtcgnnn angcctanga tnagtnacc aataattctt ntacngnana aactcctaca      60
tccagcnttt tttttttaag naccaacat ccgaatanca aataaanggc gttccgnnnn      120

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ttgcacaaag caggctggga tttacaggcg tgaaccacct gcacccggnc canaactgca 180
tctnaacagc naagncanct ttattcnnc ccataactga cagactnngn nnccatccat 240
ctcctcaggt tacagaggat aancggaana gaancgttac ccgtagaaca tatagcccac 300
gtacttcntt nncccaanag atagggtcca cnatcgcnna agctgntctc aaactgctgg 360
gctcacgaga tccncctgcc cngcacttcc caaaatgctg ggantctacan gngngagccc 420
gcagtaccca gccagtntnt gnacnncga anacgggag tnnctnancn gcnanncttt 480
nctttccnan cnggncaaan cttnaactaa naatnaatcc cccttggnct anganaagcc 540
ntntttactc cccccactc ctntaaaaaa tgnccccncc nntttcacgn aacanggnca 600
acccaaacnt gnttacnecg nacaaaattg ggctcccacc nttaaaantt tcgnaggcat 660
nancntgcnc cantnggaa cctctcctta ncnaatnggg aaaaacancn aggccctng 720
aaggnggcct ccttccann ggggnannaa gnttctggat cntggaaaaa anaaactccc 780
aacaatcgga gattntaacn gcnacnnaac ccaaaaccaa nnggggncta tcannaaang 840
aaggaantgc ccccgcatc nccccantn aaaanaanat ggaacacccc tgnttctctc 900
caaacactnt acaangaana gtccancg 928

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&lt;210&gt; 2138

&lt;211&gt; 778

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(778)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2138

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aantcnnnnc agccacaccc tgcctggcca acccctggca ctgatgatgc ctgggtgcgg 60
gttantttng naggagctcc tgcctgcctg gatgaagagg aggtcaagac tttgtcccc 120
actccgcaag ataccctctc tgnccggag cggtaggtcc ctccctgtt aggacctgt 180
ctccctcang actggacctg gacctgggc ctgcagtcag atngccagtt tcacttagag 240
gtggaaatgt caaccactg gttggaatgg gaantgctg tgttgngagc caccttatgg 300
aaaacccatg tggcncagaa ccgannngtg gtggctggcc aacagcaagc caggagctga 360
ggcccaacag tccaacaact ggtgaggaac cacatgctgc cancangcca tgttagggaa 420
cttagaagca aatccttncc ccagttgagc cntcagatga caccnnaacc cctcggctga 480
cccctttact tttaccctt tgtancnaga nctntgagc caacaanacc tcggcttaaa 540
acccccctg gnttccctnn acccncagaa accttgaaan nantaacgg ngttgcctc 600
aagtcaaaac aaaaaaaaaa nnnactcnac cctctanaac catagcggag tcnanttacc 660
cacacccga ctttgathag aaccatntna tgaannttg ccaaaccccc actttnatgg 720
cgtgcaaaaa aaangttctt ttnggnaanc tcggcaance tttgntnnt ntccnnn 778

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&lt;210&gt; 2139

&lt;211&gt; 850

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(850)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2139

```

ntttaanccc ttgcaactcc nngntctttt tgcaggatcc cnnnnnnnt anttcggcnn 60
cnggaaagat tgtggccaga tgtgcttng cttgctgtct agttgtgtt ttcagtttn 120
tagtggtgcn tgcccaaagc ttcgttcagc agatttaata taactggtat ttaaggatg 180
tttatctggt ggtgttacag aagagagagg aaggtaggaa gaccaattag gagagcccat 240
tgccatggtc tacgctggag gggaaggatg gacctgtgag tctcaaaggg cactcctggc 300

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tggaanggaa	tgaggaataa	tgagagtaga	ttgaccgggg	cttgctttct	tctactctct	360
tcagaatttc	gagatgaatt	gctgaaggac	ttctcttact	gaattctcct	caggggagtc	420
ttaattccan	gggtgagagt	accngaagac	aaaaagagaa	aaccnnaaac	cngaaatctt	480
gcccttagcn	tggaagacga	gggagaagaa	agagaangaa	aggctgtgtc	angaagtcca	540
gagcacacct	gaatgcanat	cantntgcta	tgagaccang	cccaaaagtt	cangcccaga	600
caaatccac	aagaacccca	aggagattcc	caccttgggg	caccgggttg	cntgggccc	660
tgttaatccc	aancnctttt	ggggaaggcc	nannaccggg	tgggattcac	ccctgaggtc	720
cgggaagttt	cgggaccag	cctngcccaa	cattggccna	gaccccttgt	tcttcttctt	780
taaaaatncc	caaaaatttc	ccttgggcat	tgntnccnag	gtgcctttta	ntccccactt	840
nttngggaag						850

&lt;210&gt; 2140

&lt;211&gt; 986

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (986)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2140

gnatcccccnn	nnnnnnnnncg	naattcggn	nacnnngggg	ggcctggctt	aacaaaaaaaa	60
aaaaataagg	aaaanattcc	caagcctggg	gnngggccgnt	nggggtccgc	cggcctccaa	120
tgggtgatga	ngtacccaag	tccnggcttg	ggggaaggna	aggaacctcg	cancctgggn	180
gtggnaagggg	gattggggcc	tctggaggcc	ccanccgaa	gggggcccna	tnggtcttnc	240
ccnncngtna	ccnntctntg	gnncgtaccc	acaanggcaa	atccctagan	ccctntnccc	300
ccttccccan	atencacntt	tnnntacccc	ataacnntcc	cccccttana	ccccacanc	360
cctnnntccc	nnccacnggn	nnngcntnnt	cncctctccc	tnctcttctt	tcnancatcc	420
cttnnccgnc	ccncccttcn	ngcgaacnca	catccttttc	ccccactccc	cncctctcct	480
tecactnccc	ccncttccn	cncctcgat	ccnactnccc	ccccccctt	ctnccnccct	540
ctgcctctgc	ccctntnntn	tcnccccccc	cttccncccc	ccnctctccc	tatnncttcc	600
cncctccccc	ctctctcn	cccgctccct	ctntcccnca	natctccccc	atnctcgctt	660
tcctcccccn	tacntnncaa	tnccctttcc	tcttntgtca	annancnca	ncgctnccct	720
caacctctnn	gcgcntnnn	ccccccacct	agctctctac	ntnctatacc	ctctgntttt	780
ntacaanttt	ccgcgggccc	cnnccnccgn	aaaaggngcc	tctaaannca	ctaantnaaa	840
cncctcccat	tctcttngc	gggccacctc	ctcnactca	tccctcttcc	tnntnccnct	900
atctactctc	ttctcttctc	nncctatcn	atcctcatct	accgcnccctn	cactttcccn	960
tnnttcacca	ctctcnacct	cgcacn				986

&lt;210&gt; 2141

&lt;211&gt; 828

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (828)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2141

ncttngnccn	agntcnnnnc	gagcnccnat	gaggacnang	atgagtntga	agcnaaggat	60
gatgaacagg	aanaagatga	aggcagaang	gattcanatn	ctgagtcntc	agatttgttt	120
nctaatttga	atttaggaag	gacctatgct	agtggctatg	ctcactatga	ggaacaagag	180
aactagggga	gctgctctgg	tgccgtgtg	tgaganganc	aggagtga	tgtgtgtgct	240
tgatgaattg	tgtgtggttg	ttcaaaagta	ccttaccact	tagccttggtg	cagaagacta	300

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gttacactta atggggccang caataggntg tagcgtnntt attagaactg ataatcangc 360
ttatngcata agaaaaatga gtttcaaatt taagatgttt attgatccga agcaatttga 420
agcctcatgg attnggattg tncctgatt tcagtaaagt attgttttgc caatttncat 480
ncatatnttc caagatnaag gggaaatagg gatggnaaat annnttgttt tgaaaattna 540
aattccctgn ttttttatta aaaaaaatat tggctttnat ttgggcctga atttntgtna 600
aaatgtaaat gnagctnaaa atggnantca ccngnttct ttncccttt ttnngtccc 660
ccccnaatgn ggaatcccta actcntggtt cntccncct naaantttcc ctttcnnatt 720
ttccatgccc cacccttnna gtttggccat gcattnnagc ccggtctnaa acnccccnnc 780
cnantccctc cccttnctn canaaatggn cegtcnncn nncgntcn 828

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&lt;210&gt; 2142

&lt;211&gt; 846

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(846)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2142

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tgatcntttc aactcttggt ctttttgcag gatccnnnnn nntcgacnnc nncnccagga 60
ggaactcccc aggcatctg tgagatggta gtgttcacag cgctgacaga tgtccctttg 120
acacagtcct ggggtcttct ctgcacaaca gaaaggagtt ttgtgacaaa gttgatggag 180
gaggttaggt atttaattag gactagccag ggagggcagg gactctgtta agcagtgaat 240
ttgtcaaaat tttacttgta ccaggtggga agataactag ctgtggaagc ctgttctgag 300
atgcctgccc atggccaatg actggttaac cacaagggtc actaaaagag agggtttctc 360
atgatctgta gaaatgtaca actgacacta ttgtgtgctc ctcacaataa ggccggttca 420
ggtagcctagt ttgtttattt tattaatggg gtgggtgggt gtttatgaat cctttttttg 480
tttttggaag cagttgctgc aagtcaagac tttttttttt cttgaagtta ttcctaacat 540
ttgaccccaa acatgcatcc ccccatcttg ggcatacctt ttagcttaca cccttgctta 600
ccaccctggg gtgtattttt aaaagaccaa naatttttat tgattntatt aaaaaaaaaa 660
attntgcccc accgaaaacc cttttgtagc ttgctttcct tgttttganc canccttggg 720
ttttctnaaa atnccatntt ttggganggg gcntgggtcca ntangggcan acatttttnt 780
tggttgcaaa aacccttgta anccctcttg gtnccctaang gggncanana aatttcccc 840
aagntn 846

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&lt;210&gt; 2143

&lt;211&gt; 853

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(853)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2143

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ttgaaccctt tgaaancccn nnnnttttgc nngannnnnn nnnnncgaat tcnnnnncag 60
gtcatgcctt atttactcca tttttaatcc tgcattccag atttatggca gcntttnata 120
tctacaggat acttttatgt tgtccaaata ttgctgncag tcatatgtac ttataaaatg 180
tctccactca tgtatattta tagaaatgaa atgtcaaatt tctcagactg ttaaagtgca 240
gtataaagtt gcttaatgca cacttaaaaa tgatatataa tttctgaatc ctatgaaata 300
tgtgtctctt ttttaattct tgggagtttc ctttaagttt acatgttttt tggcttattg 360
ttaatgattt tgtttactct ntgcacaaat ttgtcatgta ggttatttta caatagcacc 420
tttaaaaaaa atgtatatgc taatttacta agcatattca tgtccatttt tattngatca 480

```

tctgatntgt	gaaataactt	gaaatntgta	ctgtttgggt	tgtgaaaata	atattaccaa	540
aatccctgnc	attagaatgt	gtactttatg	ttcagaaaagt	gacctgnggg	gtttatttca	600
gaagccaagc	cattcctctc	ccttggtatg	actttggtaa	cccagnctac	cacatggcct	660
tttaaggngg	gctnttcctt	ggatangggc	tccaagggtnt	tattgacctt	ntaaaaacaa	720
ttttttcnnt	gggngaaagc	ctattnaagg	tnncattaag	tctacccttt	attttccccc	780
cttgggttngg	aaactnaaan	ggggcgccag	ggtattaagc	cctaattccc	ccagcatttc	840
ccnggggggg	ngg					853

<210> 2144  
 <211> 1146  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1146)  
 <223> n = A,T,C or G

ttggttcncc	caaaaggcca	acccangncc	aaggggcca	ggtncagg	ggggttggg	60
nccccaaan	aaaccaaagn	aaccgggtct	cggatcanc	aattntttat	attaagggtg	120
ggcgattttt	ttntaccctt	gnaatcccc	ntaaaacaaa	aaggcngggg	ggggattttt	180
tttttttttt	naaaaggaca	tnaaancnag	ngnccctncc	cnctcnattt	atnggaaagg	240
gngaanttca	ccttancccc	actggngcnt	gggganaaac	catatttttn	ganaactctc	300
cnanngatnt	ntccatnnca	natntnatat	nccaangntt	ccaannangt	ccttnaaagn	360
aaaaaatggc	ntcatnntcg	accagnaatt	canagaagta	gtctcanaaa	tactanttan	420
ttctnagnaa	taannncnct	caacnatecn	tacctacnnc	nttctntacn	atatnnntcc	480
ntancacttt	aantnctata	ccaaatcctc	nactctaaac	angacctnac	nataactnnt	540
annacnacca	cancctattt	atattcncnc	tnnnagntaa	nacctanaat	gnntnantnn	600
ntnctctnnn	ttntntnaac	ncnanaagan	aatctacnnc	ccnnnccttt	cactangtcn	660
actntatcnc	cactntacna	acnananata	nncatnnnct	nttccactca	cncncannnc	720
atctcttgna	antacaacat	ntncatnatn	attattaacn	antactancn	nnnnnaacan	780
caatataang	aannnccann	ctatnttcta	tcaccnctc	ntnntnctcn	cnntncttgt	840
nnganactaa	ntacgatnaa	nnctnacann	tatnaactna	ttctntattan	tnacnanact	900
ntccantcct	nnntnantnac	ctttacnact	ctntaanntc	ttcgctncna	nctcanancc	960
nataccatta	tnacnacnc	aaacnntact	natctatcaa	anaaccnact	accctactta	1020
ctnncnratn	ctaaccacct	ctctcatcc	attctaccnc	aanctcnnan	acancttcaa	1080
nttattcnnt	cacatnntnt	cnnetctacn	atntattnat	nttatccctat	tttaatnnac	1140
tncccg						1146

<210> 2145  
 <211> 1294  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1294)  
 <223> n = A,T,C or G

nentnngtnc	atnaccnagt	nngccgcnnn	ncnnncccc	ncnnccccca	cgggggcggg	60
gncnnnnnca	cnthttgtact	tcaatacgn	tnngnnngaa	cnnnancanc	gggggtntnt	120
acaancatcc	catcccnnc	ctcacntca	ccctaccnac	angcactacn	acgtncnccc	180
tnnatnnnan	ctctcactcc	ttttntatna	cgtcanncac	tcctacnenc	attncngcac	240
acccacannc	gaganacac	tgacgttnnc	aantnnatgc	tnancganaa	cgtatacctc	300

ttcnnacaan	catntncnnt	aacgtcacct	ntacgnetct	tcncnatatn	cctntctctt	360
anntnttng	ntgcnnnceg	cnatncacan	canacgtcnc	nggntnntna	tatctnnnca	420
taacnnatgt	tacactnatc	acancgcmt	acnctcttac	cctnanccta	cttatcctc	480
tatttnaccc	tctcaanctc	tacactcaca	cnntannctc	acnactgctc	ctcncctatt	540
cnnccecatn	cncnctcta	ctntagccat	tntctctttt	ccnctgnngn	aagnncacta	600
ctcgntcan	accacatccc	ntcattactc	acccncatn	cnacccctcc	tnctgtnact	660
ttacannann	cnatgtannn	agnactcacn	canctccgct	ancatcatcc	ntnnncncnc	720
atatcatcta	ccannatcat	cctnatacna	cnnacncaca	ttactctna	nnctnntcgt	780
tnacancnt	nancnnccta	tnccgntctc	tcaactnacg	nncganacag	tctccganct	840
nanacctnca	nactgccgct	cnnatnann	attctncnac	nngncncnat	ctcgcaccnc	900
natngntccc	cnattntaac	gctcacacan	ccccacnnac	tnnancattn	tcnnncntna	960
cnantntnc	ngctatctca	cctancnacn	acancacnta	ttctcnnatg	tcacanncnc	1020
ctcaactnan	ctacntcacg	tctccacatn	ctcnacnctn	tccantcata	ntctgcttcc	1080
ntctnttctt	cangtnagac	accctcncan	cgntccnttn	cancacnnat	tntcnnctc	1140
nacnattcnc	tcgntctttt	cccgntctna	cccantttnc	ttctcttttc	atctnnnnaa	1200
ccnnnnncnc	ntntntctnt	ctacgntctat	gnttnnctc	nncaatctat	ttaaaantcn	1260
nnctcncncn	gntntanttt	ntatntatnn	ngcg			1294

&lt;210&gt; 2146

&lt;211&gt; 1371

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1371)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2146

cncncannnn	ntcntnnnca	nggtttannn	gtatannnnn	tntntgaten	cntnnncnacc	60
tanctacacn	ngnctcncnn	ntncngnnet	anntatatna	tgtctcttnt	nnacntactc	120
aattttccnc	cccnccctnt	ccccnctna	cttnnnnttt	tnaaggnttc	gantccgcac	180
ggaaggaaat	angcctcagn	ggaccccggn	gentatttat	ctnccanatt	gantggcaga	240
atatttacaa	ttgacagnga	tgatggggaa	caggntgant	ncatgactga	tggactntct	300
gagcccatgc	atggcagant	nccccanctc	aattntngtt	gnntcccccac	gntctncatc	360
angnggtttg	gatccgtnnn	ggnggtctnt	gctngcnntt	ggaaactntn	atcttcacaa	420
gtcgtntncn	nncccgctctt	ntaactnnca	cncctcttann	ggatnctcta	nnnnccnnntg	480
nctgatgatn	nttannnnac	ctnnnttann	tacntnnntna	tnttnatnta	ncantacnat	540
nncantcgac	acnncannca	tgacntnccc	ngcnntangt	ncntnnnctt	nagantagcc	600
gcnagntcg	tacacngacc	nnctntgntc	nnacgntacg	agtcacnnnn	acnnacantg	660
tncttttnca	ctcnantnnn	ngantctcnc	aatnnaaann	ncctctctta	nnntgactct	720
ntctatcgte	ntaanctntt	tgnnaccccc	nctanagnct	acnacnctc	gtatctgtct	780
gnncctntg	cttttaggnnn	tctntcatct	ctgntctantc	naccgcnctc	ctcantngng	840
tgnnnnctcn	actgntnagt	gcgcateget	nncttcnccg	aacgccacnt	anccgctgtg	900
atatngteta	aantnntctc	actacatnta	aatctcttca	cgngccnct	atgtnttcat	960
ntnctnacac	tgcccaactca	ctcncctntt	ncncacnnnn	cgtgntcgga	ncnccatntc	1020
tctnttnatt	tnnctcantc	ctacnctaaa	tgtctaacnt	angttctgcy	nnccacnngn	1080
gaatcccgct	cnccgntann	tnaattnttc	tagagggnagn	atnactctat	cttngnttta	1140
tggnnncgta	ancatagcgn	aacgcgtcac	ttnaactcnc	ttacgttttt	cntatctnac	1200
aacnatctct	tcngcgtaaa	nctaaacnna	tactntcnac	nnatgntgcc	tcntcttct	1260
nnanattnaa	ttgtnactca	ncctcttctat	catacgcttg	tcnctangtc	anatnnanac	1320
atttanntag	gtaannngta	cncnttatng	acatctccac	gccacaccnc	c	1371

&lt;210&gt; 2147

&lt;211&gt; 1346

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1346)

<223> n = A,T,C or G

<400> 2147

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ngtnnaannnn nnntnnncnt ngttangann tnnnaatntn nnnntatnn nttnnnnntna      60
nnntaannnn tnnnnngnn annctntnn ntanaatgta nntatntnn nntntagng      120
tctactntnc nanncgtaan ntanaannnn ntntntann nnnnatnta nntnncgcgc      180
nccccccacc cnnntantat nnntcnnnc accctctccn nncnntntn cnnannnnnn      240
nnntcatan ntntntttcg aaaatattcn cggggggggg ggggggtttt attanttcta      300
nncnnaanaa taaanagncc cccccnccg naaagtctaa agnatactta agntngggtn      360
gaccgngnac ccaagccttc ggcacngntc tntctatgga agnggtntcg ctntttncnt      420
ancctcgcg cgggggngca tttttcgana gtcgaaactc catcatctnn nttctctnat      480
gntttnnenn aatntaacct ttcnatntat ntacntactt ttntgctnng nntntncnt      540
acactanaga atntctcact cctntgancn nnntaagntg tggnaaannt gaanaacatt      600
ttantccaa ttntctnatn gctcnnnatn cngnggtttt cnnntntnc tatnnacctt      660
ctatncttta nctnnntttt natantctt aantnttcta ctcnnantna gttgatgatc      720
tnacatnttn catatnttat aatctcnacn cntnatntnc taatacnntn ctctntntan      780
actnnatca tntctatatg acgttncctt ctacngntca ttactantat ttctntatct      840
tgtcaatnna ntntacaatt aatntntcn cttatattga catctcncct nctcactgta      900
tacnatctca cacntgatta aatcntatct tntatcntnt anttatnnnn atactctnct      960
ctaaanctct antntatcna antttccnat ntatctaaact agtnntnnna tcanttnatn     1020
tatnnnnann tntcacnttn tctcttcann catactnagt ntannatgta canngntccc      1080
tnttctcaac tttatatnct ttnntntnna tgccttnta tanngntgat ncttcccttt      1140
naanaaatnt anctttctta tattctgagt ntcacatant acatntatat natgtntnnn      1200
tncntatcta ttcttatnan cctnctaana ntcactatc atctttnttt tntntccatn      1260
atactctatn tattcttcnt ttaactctcn tatntntata tntntcatct annntangnt      1320
ctctatattn anntnttttn atnncc                                     1346

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<210> 2148

<211> 751

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(751)

<223> n = A,T,C or G

<400> 2148

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agnttcaatt ccgcacggnn tncngccct tttggngcgc atttaatttt ggtagtgta      60
atgtctatta atgtgatttt ttttttaacc tttctccaa taggtngatg acaacaagaa      120
actaggagaa tgggtaggcc tttgtaaaat tgacagagag gggaaacccc gtaaagtgg      180
tggttgcagt tgtgtagtag ttaaggtaag tcaccgttta ttctagggat gaaggttatg      240
ctgggtaatc atataaaacc ttgtattgaa ataagttgag gatcttataa aaggaaaaaa      300
ctgattcaac aggttttaag cttttctgc atttcaggaa aaaaataaaa gctgtaattt      360
acaagccagc caatgaatct gcttacctga ttgtgttgt gcagacatac tttaaaaact      420
ggcaatagta aagccatgtt accagcctta aggacattga agtccgtaag gtccttgaga      480
atggctataa caaatcttag tgatgggaaa cttttttata aaacatagc taattgttga      540
agctccccta taattggata ctaataantc tggngaaaaa ttcttaataa nttaaccaag      600
aaaattgcct gccgtntttt tgtttttttt aaaggactat ggcaagggan tncctcaagg      660
nccaaggatg tcattgaaag antattttca atagccngga aatgnaanaa aataaaatct      720
ttggcncctc naaaaaaaaa aaaaaaaaaa t                                     751

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<210> 2149  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 2149  
 agnttcaatc gccgaggagg atatagcgat agagatggat atggctcgtga tcgtgactat 60  
 tcagatcatc caagtggagg ttcctacaga gattcatatg agagttatgg taactcacgt 120  
 agtgctccac ctacacgagg gcccccgcca tcttatggtg gaagcagtcg ctatgatgat 180  
 tacagcagct cacgtgacgg atatggtgga agtcgagaca gttactcaag cagccgaagt 240  
 gatctctact caagtggctg tgatcgggtt ggcagacaag aaagagggct tcccccttct 300  
 atggaaaggg ggtaccctcc tccacgtgat tctacagca gttcaagccg cggagcacca 360  
 agaggtggtg gccgtggagg aagccgatct gatagagggg gaggcagaag cagatactag 420  
 aaacaacaaa aactttggac caaatccca gttcaaagaa acaaaaagt gaaactattc 480  
 tatcataact acccaagggc tactaaaagg aaaaattgng gtactttttt taaattccct 540  
 gttaagntcc cctncattaa tttttattgt tcttgngag ggaaaaaagt aaaacattgt 600  
 ttaattttta aaaaaaann nnnnnnnnnn nnnnnnnnnn nnanaaaaaa annnnnnaaa 660  
 aaaccngggg gtcnttaaaa atattggggg ggnntttttt cennctccc cncttnttaa 720  
 aaaacctttt gggnggggtc 740

<210> 2150  
 <211> 745  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2150  
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 tggaagccct caaaacttag tcatattacc attgggtatt tattngtcc ctttcaagtg 120  
 agggacgagc ataatcaaat ctgcattgta catgaccagg attttttttt aaaaaaacag 180  
 tactgcctg gtggatctag tttattattg agtgtatagc agaaaggtaa attgtttgcc 240  
 atgttggtgc agtttcattg ggaggggaagt gttaactccc ctgagcactg cccttttctc 300  
 tctccttaat tttacagtag gttgcaccaa aaccattcct ctcagagaaa gcaacactcc 360  
 agtatcttgt ttccattaag agataattag ctttcagcaa atcttctcca gcaaacaaat 420  
 tacattttta cttctttgag ttcttttgga gcaaaaattna nctgttttcc tgtattgcaa 480  
 aaaaaaaaat tgtttatggt ctggatctaa naattgntgn tatttttagnt tgcttggtaa 540  
 agctatttgg tttatgacaa gattcataaa agtgctgtcc ccacagngaa attttagggg 600  
 atntcttaaa tgaagttcac cagnggaatt aaagggtatt agnggttgaa gtgaaaaagt 660  
 actttntggg ccataccagg tcccctgnct tcaagttgga cttcttctaa ataagttttg 720  
 gggccatttg gccattcttt caata 745

<210> 2151  
 <211> 1336  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>



<221> misc\_feature  
 <222> (1)...(1336)  
 <223> n = A,T,C or G

<400> 2151

ccatanncnt	cnaaaaaatna	tanacnacnn	tntctantaa	anannnctan	atannccata	60
tctcnnactc	anannccnnc	ntnatnanat	ntcnnntnnc	cnnannnccct	ntacnntann	120
aatatnnccc	cncacnctnn	atcncnncct	ccatttncnt	nnnnntaanc	ntngnaacac	180
natggtggcc	mntacaaaaan	gcattcccnc	tatactacag	tgtaaacctc	atTTTTTTca	240
ctccaaattg	tagcagcccc	tcttcttccc	acnnnggggc	ttttctntac	nnctnnacn	300
cnnanacac	agnacctana	anngatttna	tacannncta	tanatcactt	nncanactca	360
ngttccgaac	anaaanctnn	cncgnactat	cncaccacca	atactacta	tangaaaaaa	420
aattnttenc	cntntcccc	tangnannna	ctccantatc	attnnnacna	taanannnaa	480
atctactcgt	tcnnannana	tgatnancaa	cctccncata	natntnatnn	ntcttaatcc	540
acctctnant	acggcnantc	acnattnnca	ncaannnnang	natatancat	nnaactactn	600
tctcncnact	mntatntcct	ccnncnnaac	nnctancntc	tantnaacac	nctcaagcac	660
tnnnntanca	cttcaatanc	tnannnacna	tncanttcgc	gncttanact	cntntaaatn	720
ntacacacca	gctatgcnac	cacaanccag	tttanctctn	agtatcgaaa	catacntnga	780
tatnaatcat	attaacataa	tntacgnaca	naacaccnca	ntnattnnnc	tnccctaccac	840
catacgacnn	ntatatncta	cgcaacngcat	angncntcct	cncagcacct	atcnacnctn	900
ctncaacaat	acnnnnancc	tgactanaca	tactancgta	catncctcan	tntacttntc	960
tganaatacca	ntcgaagtgn	antnatccac	aagcntgcat	atcnacgcnc	tanatactgn	1020
actcaancta	tacatccgca	cncnatacac	atactctgac	ccaangntan	cancacatan	1080
ncanctnaac	cnacnannac	gnnatntatc	natntnnccct	cntnnntnacg	taatnaacng	1140
acgcanannt	aacaacccta	tcatacnana	atcnaaggct	nncatatcca	tacgcnacna	1200
tacctctcnt	acnctcatgt	agangtcnac	ncnacnnaac	nnntcacgaa	ntctaaaacn	1260
atccncaagn	aatacgtaac	acgangnact	cnntngacta	mntataacng	cncncacang	1320
naattntaaa	tnncn					1336

<210> 2152  
 <211> 875  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(875)  
 <223> n = A,T,C or G

<400> 2152

ccccnnncan	nnnnngnnntn	cgnttcnncn	nnnnnttcnn	nnnnnnncnn	ngtcnnnnntn	60
acnctntcntn	ntcnetcanc	tnntnnntnn	anatcccccc	cncncantcc	cnctcccccn	120
nnnnnnnnca	nattttcgaa	tcngcgngaa	cnttctcgac	tgcccnga	atngcanacc	180
attatagggg	ctagtgtgcc	tttgaggagaa	aaggaaaatt	gcaaaccctt	nnnggggagac	240
cnatttgcct	ttggaggaga	aagccaattt	atcatccaaa	atcctcagaa	ttctcaaata	300
caaaaagtgc	tgaaaactga	aagtttcttc	ttaagtttgg	tggcaaaagt	tatttatagt	360
cttgacttat	cccatttgat	gtgaatctgc	ttacatttca	ttgcacaaaa	tgtttctgtg	420
attgtgaaat	actgttccag	aagccactgg	gaggtttaac	ttaataaata	gtatatgcaa	480
cgttttactc	ttctaaaatc	tgaaaattgt	gaattctgaa	acatatctca	gagggtttca	540
ttaagaattt	ttgggcttat	acaaatttat	gctacataaa	tgtttatagt	cttgtcttcc	600
tctggtatat	acgttcttac	tttgccattt	tacttttagg	ccctcaaate	atgccaagtt	660
atattttaag	attttgtttt	tggcatttca	aaataactat	ggttactact	atgatagtnt	720
tagggatggn	gaatagggta	aatcctngct	tcaatttttt	tattttggta	ttcaagaata	780
tggttactgc	cccaatttat	tttggaagtt	tttccctcaa	gcgtaaaaag	ttttngcttt	840
cangcccagg	ctgggtgggc	tcancnctc	ttann			875

<210> 2153  
 <211> 842  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(842)  
 <223> n = A,T,C or G

<400> 2153  
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 gccagcttgc tcccaggatt gncgtcgtga tcatttggac ctgngatgng gcctttntca 120  
 atacgtgggc ccttannttg ttgcacaagt tcaacgangt ggtgtggcat gtgagctggg 180  
 ccatcacagc caacatnctg gctgtctctg gtggagacaa taangtgacc ctgtggaang 240  
 agtcagttga tgggcagtg gtgagcnatc agagatgtna acaaaggcca nggctcccgt 300  
 atcagcatna gtgaccagac ggcccaccng aacnaagcna ttganaatac angtnngncc 360  
 tgantncccn cccgtcanc ccaagactgnc cctttcntgg gccaaacttan cncaaacann 420  
 tggggaanaa nccccancct ncaacnggga tttattttnc cangtaagag tttacttttg 480  
 ctngcnccca atttgattca ttctgnnctt tanccngat nccganaatg gnttctncaa 540  
 atctnacctg tcccagctg taaaagcact tccatgctta cccatggaaa anaaacntaa 600  
 caaagtnaat ggttttaaaa nnntnatatt tngagnncna nttatttann naacntttg 660  
 ggcttctcac gnccattana tttcnggggn gggtctnttn gnntcccaa agggaaactt 720  
 ntannaaaac ggtccttant ttttntctt nnnannaatt tantnnatnn ctctntact 780  
 nttaactacn aaacnntctn ttccgactac ctataataaa cttcttgtgg gaggcngctt 840  
 cg 842

<210> 2154  
 <211> 1236  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1236)  
 <223> n = A,T,C or G

<400> 2154  
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 nnnnnnnct tcttttctn nttnnnntnt cttntnttg ctttncnntt nnnnnnnntn 120  
 ttgtnttctn tnnntnnnt ttcttttncn ttncctntnn cennctctct nnnntnccg 180  
 cccnccctct cctnncnnnn cccccccctc ntctntnnntn tntntnttt tncgctctga 240  
 cnggttngaa atgggnnttt tttttttct tncgcccccc ntgnactnctn tcccattttt 300  
 cctttttgcc gacccctctt ttttttggt ngntctnnc ctnntcnggg gnnttttttt 360  
 ctttctctnt tncctctctt ntctctctt tttnttctt ntntttnttt cccnccntcn 420  
 ttttctctc ctctctctt cttttctctt tcttttctt ncttntnn tcttntctn 480  
 tccctnttt cennctctt tccctctct ctncctctt ctttntctt ntctccctct 540  
 ctccctntnt ctctttntn tcttncnnnn tttnttctt tntctcttt ctntctctct 600  
 nttttctct tttnttctt cctnccttn tctntctct tctctcttt ctcttctct 660  
 ttctctctnt ncttctctt tcttttttg tntctnctn cctttnttt tcnctctnt 720  
 tntttctann tttctntct cttctctnc ttnnnnnnt tntntcttt cctntctnt 780  
 ctccncttct nntctctnt tctctcttt ntntctctc tctctctct ctncnctnt 840  
 nctctctct ntctctnnn tntntntnc tctctctnt tctctctnt tctctctnt 900  
 ntctctctc tttttctnt tctctctnt tttctntnt ctctntntc ctctctctc 960  
 tcnngctct ntctctctc tctctctc ctntttnt ctctnttt ctctctctc 1020  
 tcaacttccc tntctttt cctnccctc cncntntc tctctctc cctctnttt 1080

```

nnccctnnntc ntctctctctn tcttctctctt tntntnttct cttctctctn ctctnctntc 1140
tcntntctct tctcttntct cttctctctn cttctctctn cctctctctn ntntntctc 1200
cccctcttnt ctctctctc tncctctctc ntntctg 1236

```

```

<210> 2155
<211> 1378
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1378)
<223> n = A,T,C or G

```

```

<400> 2155
tctgtttac tannntcacc atnncttnt tnttctcctn ntttgtctcn nntnntctnn 60
ntnangngtc tntctctctg ggantcann cactnctctn tctntnctta ttgttctccc 120
cccctcttan nccccctc tnnatattnt ntntaaantg nacgagtagg gccgnntatn 180
ntnctntgan tgacccctgc tgtgtttgta acctgnntat ctntnctctc tcnattttgc 240
ntgggnntct ctttctctc tnanccgggg ggntttctnt atnantactn ctngtctctc 300
tcacncttct tctnctctc ntatcnnana tcttgtcttn attactnctc ccttctctac 360
ctgggataat ngacncttct cactttgcct cnttntttnn cctcactctc agnaaaannn 420
tnngctctcc nnnatctctc ctcttgtctg gctnctctac nngnnctctc tntancnata 480
ttnnagtnta cnnantctt atacantcca ctantantcc cnccttanna cgtctctctt 540
ancttctnct gnacnattna tttanctctn acnattaacc tantanncta gtntctctnt 600
atttactact gngcctagc nctgtantgt ctctcttaca ntttccgacn ntntnntctc 660
ctncttctcn atgnctctc ntctcctcct anantttctc ctcattctcn ncatctctcn 720
antnctctct nctnctctat tgtatctctg cttctnngat attgctctgt actctantct 780
cactatctct ntctctctac tctcactact cctactatn tatnctgact cttntctctc 840
acantctctc cntatnctga atntactagt ccttagttn ctntnctann gngctctctc 900
ctcttctctn ctctctctc tattctctc antantatn cgtctctctc tcttctctc 960
cacactctc ccatattctg acgctctctn nnncttctn ntagnctant ctngtctctc 1020
anttactact actntctctc nctctctaaa ctctctctc cgtntttctc tctactctc 1080
tcnactatct actctctctg atctctctc tctnctctc cngtttctc nctnngctc 1140
agtantntnt acttatnctg ctctctctg atatatgtat attgtctctc ctntctctc 1200
antcttanag nctctctctn accatctctg tctnctctc acttactctn ctntctctc 1260
ctatntctc tgtntctact cgtctctat accctctctn natgctctc tttactctc 1320
ctctctctg gntctctctc cactnctctc atttctctc tntnttctn nttctctc 1378

```

```

<210> 2156
<211> 1333
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1333)
<223> n = A,T,C or G

```

```

<400> 2156
ggcccaattt ggttttaacc caactcccc ctctggggaan gtccccctt ttggncccaa 60
ggtttgggct ctttggcctg gggnnccaga cccaaattcc cctnngctt ttggnccnag 120
gagcgtctta accgttntnn nctattctct ggtatttatt tctctctctg nccccctct 180
nggcgntngg gggggggggg ggtttntttt ngatatata cctctctgag gngngaaaa 240
tactnctc nctntntgng gnaaatttct ngctctctc ngctctctc tctctctc 300
nctnctctc tntntntctc nctnngctc tctctctc tctctctc tctctctc 360

```

```

nnnacantcc tntatttttnn tattttaact tntacaantg cnnnnanttt ancccttttt 420
actgtaccaa aaanaaaaaan cntnttngcc ntttatngag gnntttntac aaaanattct 480
ttctntcncc aattttnctn nccaaaaantn nccctatcnn tctaaaatna cnnnaaaaaa 540
ntttcncnat cctcaataa nacanacnct atatttttnn aatgngnatt canaaanttg 600
ggcccnccat naaaaaaaa aanceccctt ttctnntnca anattganan tttggcgnga 660
gaatttntna annccctccc ccnntanaaa antttgtnc ctnanataa atntcatnan 720
anaatatataa aatattntcn accnnatann ttntctnacc tccctctcan ctnactacat 780
atcaancatc cacttctnta tatgngnact ncctnactaa tnnntantat ttcactacnc 840
tcnccntnac aatantttta gnatngtcat atcaatccct atncnctant tcttttctnat 900
tntacttcta tnnnctanc atcaacnaat nttcttnta gtatanatct acncnctnta 960
ctcatcatnc actatcatgc tcttaatntn tctctgcnta cnnatnatta cttacatatt 1020
gncctntatt tntntntac ttctnattnt ctcaactctc cttctacntt tanatatcat 1080
ctctntcnnn tacnecatnt cctatatcac acgnttaaaa tcaacnnaaa tncncantcg 1140
ctcttctntca ncncctcaa ncctnacnnt tcntntcact gttntaactc caattctttn 1200
ttaactctnc atcattctct acntcnncnn tattancaca tntatnact ctatctattt 1260
cntctactta cnactctnta tcantnttna atccnatttc ttacctttat naaatttcnc 1320
naatcttcnc ncc 1333

```

<210> 2157  
 <211> 700  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (700)  
 <223> n = A,T,C or G

```

<400> 2157
gccttttcga ttccgcacga ggtgtggagt gtcccaagnn ccncngnnnn nnanntnnnn 60
nctaatnnac nntngcagt gaaagtgggg gcagactgag cctgtgtagt gaagtgtctt 120
gaggaacgtc agctgtatct tttaggaaac caaaactgca tagacattga acccaggcag 180
aaggtcatga agtcagagct aagaaatgct agtggggata gggggtgaga tagagtggg 240
aaatgtttca gagctcaggt gacagttgtt ggtgtccagt tggatatgta ccatgaagg 300
aagaagcagt cagagtggca ccaagcttct tagcctggag gactgaatgg ttctgtgcac 360
atttcanatg gaaagaatag aggccacag aaagttaatg agatgcattt tatacatacc 420
agttttgaat tttaangacc tgtggggtag atatecaaga tggctattcc cagnaattgn 480
atztatctct tgctacatcg caaaaangat ttgaactctt acncnctaa gatataagat 540
taaatngctg gacgtggtac tcaccctgta tcccacattt tggaggccag ccggtggata 600
cttgagncag gagttcagac aancctggcca catggtaaaa cccatcctct aaacttcaaa 660
antaccangg gngnggggcc ggctgtaan ccactnttca 700

```

<210> 2158  
 <211> 970  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (970)  
 <223> n = A,T,C or G

```

<400> 2158
cncnntannn nnnnnnnnnn nnacntcnnn tnnnnnnnnn annnntnnn nnnnnnnnnn 60
ncnnnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnnta gtnennatnn ntntnnntnn 120
nnncnnnnnn nntnnnnnnn nnaccnnc cnnnnnnnnn tcccactcc nntctnnnnn 180

```

```

nnnaaatagg nnnntnntan ntntntnttt nntnnntatn nannnnnccc cctttnnngt      240
tgacctgcag gcatgcaagc ttgagttttt tatagtgtca cctaaaatagc ttggcggggn      300
gtcatggtea tagctgnttc ctgtgngaaa tnggtatccg ctcacaattc cacacaacat      360
acgagccgga agcataaagt gtaaagcctg ggtgcctaa tgagtgaagt aactcacatt      420
aattgcgttg cgctcactgc ccgttttcca gtcgggaaac ctgtcngtgc cagctgcatt      480
aatgaatcgg ccaacgccgc cggggagagg cggttttgcg tattgggcgc tcttcgcctt      540
cctcgtcac  tgactcgtt gcgtcggtc gtcggctgc ggcgagcgg atcagcttac      600
tcaaaggcgg taatacgtt atncacagaa tcagggggat taaccgagg aaaagaacat      660
gtgagcaaaa aggccagcaa aaggccagga accgtaaaaa ggccgcgttg ctggccgttt      720
tttccatagg ctcccgcctt cttggcgagg cattnanaaa aaattcgacg cttcaaagtn      780
atgaagggtg gcgaaaaccc cgccnngact tttaanagna taccgaagcg ttttccctt      840
ggnaagcttc ctttgnggcc cttttcttg gttccgnac ccctggcnnn tttaccggg      900
antaccctg ncccgcttt ttttccntt nnggggaaag cgngggggct ttttcataag      960
cttcancnt

```

```

<210> 2159
<211> 786
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

```

```

<400> 2159
cnnccccng aattcggcac gaggaaccct gactctgcct cttagccctt gggttgaagc      60
cgactagaga atctcagacg tgcttaaccg gtctgttggg ctccctgcc cttttccagt      120
cccaggtttc ctttccctgc tcccttcctg cttctaattt cagccaaaga gaaagcaaag      180
atthagaaaa gaagggtagg aagaagctgg aatntgaatt ggcaagagaa gtnngaggtt      240
gtcttttcta gatcaaaaca atttttaata ggctgatgtt cacatgttgc acttttctaa      300
gcccggtcct gacctcctaa ggaattttaa gtccattctt gataatcgat ttatgaagta      360
aattgccatt aacgcctctg ttttatagat taagaagaaa atgaggtcac agataaatat      420
ccgtgccnaa acgacgtggt ctttgaactg acctccaggc acgatgtcat tatttaactc      480
gagaaatcac agcttctgcg tcctaccatt ctgccaatat tcacaggcca agaagctcaa      540
cttaacaccc ctnggtagaa aaaaagaaga anccnttaa atatttgctt ggaataccgg      600
gaaaggagaa aggggaaata attnggaacn taacctntgn ctngggagg ggggaaaaan      660
canatnntgg gaananatcc cacatcgcac ccctgntat ggaaagccnt tttgaacaca      720
nantngaant gggaggngct ttnttnggga aaaacccctn tcccanantt tttttggaaa      780
ancnat

```

```

<210> 2160
<211> 754
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

```

```

<400> 2160
cnntnccctt gtgccaagg cgcccgact cggctggtcc tggagagggt gcacttcgag      60
aagtacaacc agcgcttgg caacgatggg ctgcatgagc cgctggactg ggcgcaggag      120
gaaggaaagg tcgcagcctt caaggaggag cacatctacc ccaccatcat cggcaccgag      180
cgggacgaac gctccatggc ccagtggctg agcaccttgc ccatccacaa cttcagtgcc      240

```

```

accgctctca cggcaggtgg caccggcgcc aaggtgcccc gtccccctgga aggcagtgaa 300
ggggacggag aactgactg aggcgatggg agctgcccac cagagtgcct ctgagcagct 360
cacagtgtgt gccagatgt gccacccctg tgggcagcaa naagctggga tcnctgcagc 420
catgttttcc cggncatgcc ggcgttgtaa cctcaggacc ttcccttgta ngaacagcct 480
ttctcgaatc tgntttcagc tcttgcattn catanatgaa accncagcat gtnaaagaac 540
tattttttta aanaagtgat ttttcttatt anaccnanc caaattttta aaaaaaaaaa 600
aaaaaaaaaa aaccncganc tcntncnnnn ttttcnngng ccccntttac tntcncctcc 660
naaaacctna tanaaaaaacn tttttgttna tgntggcnan aaccccccn tcttaantnn 720
ncnnntccnc nnncccccn cctcctnccc cnaa

```

754

```

<210> 2161
<211> 1109
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1109)
<223> n = A,T,C or G

```

```

<400> 2161
tgngnnnnngn nngnccgnt gggaaggtnt cnacgncaca nngannaanc ncngantcng 60
tananattnt gtatnagnc tttgaagtat nttgggggtn nacnggggnan cgttttagttc 120
gngatgacna tgnnaaattt ntataganga ttatgggagc nngccgatg tannntatat 180
gnttgcacaa tttatentat tctcncatng tcatattaat atnnnttnan cngcgcatan 240
ganngtgggg ggggtgcgnc tnnntagann anttgntcat ggaatagnat ncgtannttt 300
taancnaatc cnggttnatn atntgancac ggncntatn aggacgnatt gannnnntnnn 360
gagntantaa nantgnnnac ncggnttnna gaggtngnct cnaancntn ntntcantg 420
ngaagtncnn cnnncntann nnataatgng tcntagnnnc aantnnannt ngtgannant 480
gtgtgatgna nnnngntata tnnannngtn gntntttaag tnnnnnggan nnggncngng 540
ncnnngntnn nnnntngnn tannanncng cgttntatgc nattgngtnt canctcagtc 600
tntcngtcan gnnnnngcnc gannngtan tancntgntt aganntngan angntncgn 660
tngggagtnc nntgngggac tnnacnacn nnnngattnt cgcngatgan cgcctctgat 720
atnnncggnn cntnatncat gcncgtntnt gacctanann agntcaacnc ntgnatcntn 780
actnnnttna ncnnntggt annncgannn ggntgtncn nactnnntnt gacnnntcac 840
ncggtgttan cntgnaganc acanacgant gcncntgtc tannngnntg anaaccgatg 900
tggtgcacgn aatntatctg tanatttcnc ntgnngngca tagnnnagng naaatngang 960
cacgnannnt ggcataantn atcanannat tegtntatga ttgagtntat acggantnat 1020
annnnntgtc nggattatac gatatangna cntgtncann atganantat gaatcnanat 1080
gnacattaag gatngggatn tanacgaag

```

1109

```

<210> 2162
<211> 978
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (978)
<223> n = A,T,C or G

```

```

<400> 2162
ggggggggan cgtaatntcg nctcntntgn attntaagaa ttngtactat tgngngnnnn 60
gtattntgca cntgagatta atncagacga tcgctntagt agcctatgac agctctgccc 120
ggtacatttt atgtctatcn cccttagtgg gcgnggctca tgnattannt nncacgggat 180
tcnacttgat gtgagntggt gcncanntnt tnatntntg agntcangca gnangnntag 240

```

```

cnnagtttan nannntgtaa gantgcngcn ttnaagtant nnangggcgt ccagtgntng 300
tgaaggnngg tagnanatan ccnnnggaac ggnttttnga nnnanangcn gancgcngn 360
ttgaanagga nnnatgngcg aggnnttangg tgnantngnn annnannca nnatnntng 420
tgggcnannt ntnnnnattc ngnttgcccn ngntnnancg gatancgng nnnngnccnn 480
ggatnattnn gnntnanatt gangngantg angcnangnt nnnntngtc nnnccgctn 540
tnatcgtgtg tacgngncnn ctgtngnta ncatgtgnnn ncatagnaac nanantcgt 600
atgngnannt gtntatggaa attnagatgn atatggttn tannggaggt tgnnnnanc 660
agcgntnnan ctnnnnnggn tantntcaan cgntagnaac ntngtggtcn tnangaggng 720
ntnaagnat ngtgacaggaa gntggggctn nnnttacctn aatntnngna gntctgnnc 780
atagtnacnc nntgaaccnn cctaggaan nngnctnnnn ccngnancng ttnngtntt 840
angcacntt nnagaangct naannccggn ngnnngtga attagncgt tgagngggng 900
ngntcganta aantgggnnt gatnataata ttatcnangc ncnannatgt gncgtatggn 960
gcaaattcag gcnntan 978

```

```

<210> 2163
<211> 778
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

```

<400> 2163
gccnctcga attncacga cggacngcca gccaccatg tgtttagatg ggatantatg 60
gtatttttca tgtgtcattg cctggcatgg tntatattcg actacattca ctcaggggtg 120
tcccagggtg gcacactgtg tntttcaaaa ctgannatg cagtcgcct ggttcacccg 180
cgaanccatg acaatataca ttttttgtc tgcnttangg gacccaacta tnanctggag 240
aactggncgc tacagattac gctgcggggg tacancagac gaaatcctac atgtataact 300
acagctctgt gactgtatnt aaagganaan agagnntnt tataaantat gtntanataa 360
atgctttcaa aaantctacc ttctgcagtt ttatcacat gtatgtctng gtnntgccc 420
tttaatcatt ntngcatggc ccttgccnct gtgaaaaaaa aaaanncatc ngtagtctt 480
ggccaaantg atncaatttn nttttgtgg aanntngnag anntcancnt agaattgctt 540
tttangganct ctggncccgg ttnantcntn ngntggctnt attttttta aaacaanatg 600
aantcaatct tttctctcag nccgcttntn tcaananaac ttttgnnccc ggcattnnt 660
cantanaann aaanntccnt tnccttgcct acgcaacct tttttaaacc cntttaaccg 720
gnnnggcagc acnctctcgg ttttctaann tttcannaan antcctcnca nncggana 778

```

```

<210> 2164
<211> 1165
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1165)
<223> n = A,T,C or G

```

```

<400> 2164
ggggcntggn taannnganc ncgcaggtn ggcngnactn tganntncat tannttacan 60
nncggntaat nagntngcan ntaaaanttn cnnnttgnt ntggnnnttt tcntaaatan 120
ataacatttg cgnntgaggn cngttccntc aattgccng ntggcgggn ngacgnnann 180
ccttnnnnan ggcnaangga cntgcngnt gtncnnnagn tnacttgna ttnaatcnct 240
tgcngccnn angtnngtan ntngngaaa anntcgtnt nntnccnccn nttncnccgn 300
nagtgnagta ngatnggctn aattntctt aagntattg annganncag tntnccgnt 360

```

aatnntcngc	naatcngn	gtgnatna	gtcagannng	tatctcgtt	ngtnantang	420
tnennagtgt	gtgtangtcn	acgcggctgt	gganttgtat	tangagtaan	nnacgcgcgc	480
antgatnagn	nattgctatn	gngntantnn	ttcagcggac	nttnatnntg	cgaggcgtgt	540
tatacantga	tgaggntaga	tancntctc	cgtntgataa	tntgancgag	agtaagngcc	600
nngngtanag	angnnncntn	ananagangt	gagtatntca	gaagncngt	atttncgata	660
nanngtagcg	acntnccgcn	ngnatgtcta	nngnctngga	cnagctgnnn	atnatatgnc	720
agatgnaanc	ctnatntgtn	cntnaacang	nanacacgag	atatactcng	antanncgnt	780
gtatntatat	atgtgnttnc	nagattgttn	agacganatg	atcntatant	atgnngaagt	840
tgccngtata	gangcgtaa	acnnagncgn	agttntnngn	taannnaact	antcctngnc	900
aacgcaatat	gtggcnaaat	gatnctccat	cttanagcng	cgcngggatt	natattnttt	960
aanaacgatc	gttgtgtntc	cacngangaa	gttnaatgat	ntnctannnc	angtatatga	1020
ancggagnaa	gttnnatgat	cnnaatant	ngtgnnttan	atcgnatgta	tatagtgcna	1080
cgnantnctn	gcngaanta	ganctnntnt	tntgntacnc	acaatntcnt	nancctgcnn	1140
nngantatta	cgtnntntn	gtgan				1165

&lt;210&gt; 2165

&lt;211&gt; 1271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1271)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2165

nnnnnnnnnc	acccaccac	tgnccgnaaa	actatggana	nnaaaannnn	tgggcnannng	60
ntcntgaaaa	agggngatgt	atggatttan	atccncattg	gcgtctcaaa	ananganggg	120
angactagga	ggggggtgaa	ttannntntgt	catanncgag	gngntntnaa	tannatnann	180
atgcccgtat	ntatctnaaa	ctgtahntct	cnatecnatn	tattngcatg	cnacagtaac	240
gtacnccatc	tntacnnact	atctaactcn	ctcngngngg	ggnggtgctn	ttntntatgc	300
aattntaaac	accgagantt	ntcntataa	cgcacgata	tactgnctcg	tcacacnctg	360
ancgcnctg	atagttatgt	gatcngcnat	nccncccttn	ttgnnnnaaa	tcnnaccgat	420
acgntaccnc	tnataacnnt	nnnnntgetg	nantatntcc	cnntatcnct	tcannnaang	480
nacncntgt	ntnccatnnc	nttngcttc	nnncaantna	nctgntctag	ctnagtnaac	540
nnaananccn	ttcncnatnt	ngnntcnntn	tntgtcnnta	ntnannntaa	atnnnccaan	600
cancngnnna	antcatatt	nnnccnng	cacacgnagt	aatgcgtcan	tntannnctc	660
gnnnnnatnt	annatctacn	ntctttatcg	ncnntntgna	ctgnnnatnc	naatnnncgc	720
caanncatnc	anntggntgt	ancnnnnnat	nnacannngn	nttnanntcc	ncnatcnntn	780
nncgacnnng	aatcatannn	ngcnactgta	agnantanta	cgtgtgtnna	tnannttgcg	840
ncatctgacn	cgantantnc	gacntanata	tcatntntna	ttnatntacn	cgcatanct	900
gnnatnatnt	antnnccnat	tcaaaangta	natgcgncta	tatnnccncc	ntnngatata	960
tnntcngacn	tnngtaagat	atcgngangt	anatgntgnt	ccctactngg	gtanacttag	1020
cnctntnaaa	gtngatcgnt	ntntgtntgt	taagacntgn	cgtcttntgt	atacgaanng	1080
atacgcgtn	ccccanata	tangntncnn	tnngacgata	ntacatctc	aanagtatga	1140
ctctnncgca	ntgaatagtt	atanatanat	atntcanatg	gatnggagtt	attannatgt	1200
actctactta	tnctccgact	attatgtata	cgtnatgta	cnancgatac	tacntataa	1260
tntacgcgnt	g					1271

&lt;210&gt; 2166

&lt;211&gt; 740

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature



```

ttatgggacc aaatttaagc aatttttgtt tttggctgaa gagacaccaa aatattagag      240
gacaaatatt tttagatcca ttttaaggagt tttgaagtgc ctaagatgac ctatttgtca      300
gtgggtgcaaa attaatcttc ttcttttttg agttgtagtg aatatgcaat ttctgtgttc      360
cccttccacc ctttaaatct taggatgaca agttataaag aaagaagatc tttgtctggg      420
accccaaaag ggatcctttc tctaaggctc ctgacagtgg gtccaggacc agacctctct      480
acaaaaaatt gcccacaacta cagtttgcaa ccccaaacca cattagaagt ctgtgcagac      540
atccctccgt ggtgtgtgtc ttgngcatt ggaaaaggag tcaggagccc actgtgangt      600
gagaatgaaa agtggatctc aacttgggca cngggggctc acgcctgtna atcctaacac      660
cttggggggg caaagggtggg tgggatcact tgaggncaaag gagtttggag ccagcctggn      720
caacattggc naaacccct

```

&lt;210&gt; 2169

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2169

```

nctcaccat ttttnacagg attttatttc ggtgcatgca ttctgtcca agtgtcacia      60
ttctggntac aataattata atatttggag ttactactaa gactttcctg aaagaggtgt      120
attgtcccaa attttgtaac ataaaaaaat actaaatgat cttaaagctt cctaaattgt      180
gaaaagggtg tgtgctaaca tctcagaact ttanacctgc ttgttgtcat ctttaccgat      240
ctctgatgat aaatgcagaa gggatctgag agttttttaa gcaagtagag tcaatcagag      300
ttttgaacat catagtaata cttccgtgat tcagagttag atcatataaa tcaaagtaac      360
aatttggatt ttttttaaac aacaatatca taactgtcat aaaacagatg gtccaacccc      420
aggagcagat aataacttgg gcagctctgn ggggaacaag acgggggaaa caactgttct      480
aactgcccac tagaacagtg gtttnaacta ctacaattct cagtgtttga naggtcaagg      540
gaagaaanga ctatgtggat cccttgtggc tatgcagata ctacctcacc agagtgtcg      600
gtagaanact ggtggtttgg ttcaaacctt gtgantaaaa gagttggcca accttttant      660
cttttggaat aaaagccacc ntttctnanc caaaaaaaaa aaaaaaanct cccccctta      720
aaaattattc na

```

&lt;210&gt; 2170

&lt;211&gt; 803

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (803)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2170

```

ccccntcga ttcngccgag tggccaaggg tggggccaag actccacata gatccanggg      60
ctcattccat gatgctctca ttctctanag tcctccagggt gtacaggga ttgtttcact      120
gacagacagg ccaggatata tcataagctt cttgggcaca agttggagtg gtatgggtgg      180
aattccagca caattaggca tatccgtggt tgggtgaaca caaccataca agggggagag      240
gtctctacca gtggcctgtg cagnctgcc atgttcttct ctggtcaatg ttttaaatga      300
taacttgnaa tactactaaa tacagccggg ccgagtgagg tcacgcctgt aatcccagca      360
ctttggggagg ctgaggtggg tggatcactt gaggtcagga gttcaagacc agcctggcca      420
acatagnгаа acccatctc tactaaaaat aaaaaaatt agccaggcat actggcangc      480
accctgtagt cccagctact ccgggaggcn tgangcnnga naaatcccn tgtacccccg      540

```

&lt;222&gt; (1)... (740)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2166

```

cctttnttaa aaaacnagcc acaaaatecn cccttggtac tagtctggat ctggacttga      60
agggaaacat ttttcttacc ttttcttata agggacatta gtgggacact tggcaaaatt      120
taaattaact gtagattaga taatactatt gtattgttaa ttttctggct tttattctac      180
tttgattata ttataaaagt ccttggtgtt aggaaataga cactaattat ttggggttaa      240
aggaatatca tgtgaaattc actttcaaac agttccaaaa aacacagtga tatatatgta      300
tatatatggg tgtatacaca cacacacaca cacacacaca cacagagaaa gcagtgtaat      360
aaaagttaag atcatttggtg aaatctggga attcttttac aatcttagga actattctct      420
aatgaaatta tttaaataatg aaatgttacn gtatttaata tgaaaaaaga gngagctcgc      480
tgtatgtatt ctctcatgca aaagtatcgg ccatattatt gccaaagnca aaagcaagtt      540
tttgaaagta ggatgtatan ctctgtcccc attttttgtg aaaaaatggg atgtatgaaa      600
tgcattgtgca taanaaacca atctgttggt ccnggggcnng aaggcncncn ccctgtaatt      660
ncnacnctta aggggaaggct gaacccagcc ggancancca aggnctcagg naantgaaaa      720
ccttncnngn ttaaanaagg

```

&lt;210&gt; 2167

&lt;211&gt; 718

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (718)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2167

```

cctntnatcg ccaagtgaact gtgctcctcg accgcaacaa accgacctca cactgatggg      60
aactggacat gtggaagagc tgctggctgc atcaggggaa aggaggagga agagggtcag      120
gggtggagagg aagatcagtc agtgggcaca agacagtcaa atgggcaagg cctgcctcgg      180
ggaactagaa ccttccagga tctggagccc gggagagcca cactgtgggc ttaatgtgaa      240
tagaggaaca agtgggtatc tctgccaggc accccacttt cttctagtaa catgggtcga      300
ggggactcag ccctggacag agagcctcca gagagtgaac agtcttccag atctgggcca      360
atcatcctgg acagaggccc gcgaggcagc tttgccctgt ccacctgttg ggtgggcaga      420
gccaccagga acccagacac cacctccaac tctgagcctt ccagagcttc agcctctctt      480
cgctgtctta cccactgaa accaacaggg gatcggggcca ggctcccaga ttcttgagga      540
cagggaacttc ngcatttact aattgggggg actactgttg nggtaagggg gcgcctgctt      600
gcctgatnca ngatggggtn naggggacaag tgggccggtc ctcactcacg gantgggggg      660
gtgtangetg gcccaccccc caaggcttgt ncancnantn ttcttccccg cagggccca      718

```

&lt;210&gt; 2168

&lt;211&gt; 739

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (739)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2168

```

cctccttcg aattcgcacg aaggcacccc ctcccggggt gntgggtcct ccttgtcacc      60
tgctcctca tcatggaagg gggtgggcta tgaagccgg tctcaaagat aactgcatcc      120
ttcattccag gaaagcccta gaattagggc acattgcaaa ctgaaatatg actataattc      180

```

```

ggaggtggga ggttgcacca gaagcccaaa nattcgctac ccacccactg gtactttcca 600
gccgtngggc caaacaagan gtggaagaac tcttgtcttc caaaaaacca naacnatnna 660
aaaccctggg cgggggggcca acaagcnggc ttnattgccc tggtaaattc ccaacaacnt 720
tttggggaag gcccccanng cananccgga ttcattgaag ntcacggaaa ntgngaaaaac 780
ccnnttcntg ggcccaacat tgg 803

```

```

<210> 2171
<211> 763
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G

```

```

<400> 2171
cncccccng tnttggttg gaggtnttct gaacttaaaa aggaaaatng caaccattnt 60
agggactagt tgcctttgga ngaaaaggan aattgcaaac ccttataaag accaatttgc 120
ctttggagga gaaagccaat ttatcatcca aaatcctcag aattctcaaa tacaaaaagt 180
tctgaaaact gaaagtttct tcttaagttt ggtggcaaaa gttatttata gtcttgactt 240
atcccatttg atgtgaatct gcttacattt cattgcacaa aatgtttctg tgattgtgaa 300
atactgttcc agaagccact gggaggttta acttaataaa tagtatatgc aacgttttac 360
tcttctaaaa tctgaaaatt gtgaattctg aaacatatct cagagggttt cattaagaat 420
ttttgggctt atacaaatth atgctacata aatgtttata gtcttgnctt tctctgggat 480
ataccgtntt tactttgccc ttttacttta ggccctcaaa tcatgcaagt tatattttaa 540
atthtgcctt tgcctttcaa aantantctt ggttactact atgatagggt taaggatggg 600
gaaaagggtt aatcttgcnt tccatttttt taattttggn aantccanaa ttatgggtta 660
cctggcccca atthtaatth ttggnggttt ttttcccttc naaagccgtt aaaangtttt 720
gggntttnan ggnccaaggg gggnggnngg gcctcaccnc ccn 763

```

```

<210> 2172
<211> 1113
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1113)
<223> n = A,T,C or G

```

```

<400> 2172
acgggggagg ccctaccngg ttaatgcggn aanattcngg gnnnaacggg aangnnaann 60
ataggatttt ngtaaaagat atttcccaat gggagccaaa ntnggttcan ctnggctagc 120
ntntctgnnt atntgcgcnn aatctacgcc ctntancgtg gccaanatg gnatgggggg 180
ttaagannan ggctcgccac tntgctntgt cntntactat ctatatttat aggggggggg 240
gggngagacc nctnttttcc cgccacact atctnggtat gacgccntc nntctntcgc 300
atggatgtgg cacatantat tgntntnacc atttaatgtn tctgnnaatc catngggnta 360
ccacgganat atgtaannan ttntatgcgg cnetaggntc tccgcnaaag tctattgnnn 420
atnatgctnt ctncntactn ccngcgtgaa nattacgnet ncngcccctn ncttaannct 480
gnntttntng aanatnctcc ntntacacnn tnnntacncc tanttgtntn ctgcncnncc 540
anaaatatcc ntnccataac ttncangnnt cgcacannge nnaannnctn tccctctccc 600
catccattt nnnccnnnatt naantntcgt atananttnn gaancttatt ngaancganc 660
cnntcaacnt ngncgntctc ntntntaaa ttcgaagntc tntgggnnnn aaaatgncct 720
ggcgcctnt naaggngntt ccccnngnaa cantctccc ntgtttnnan gttgtggann 780
ntaaaatngg gtntnntnnt cnangnccna ancggtctng gggagaanac attgnetncc 840

```

```

gggtaaaant aaananatat anntccnntt actctctcnc atatagaaan aannagnagn      900
ntcctctcnt tttcntgcnn naaanctatt atncgncggt aatnggccnc tagnaacat      960
nntgnnaaaa nnttcntntg ncctcncata taantgccac taaatcntnt cnnnaacntg    1020
gtggggntta ngaganaann ttccttcagn nnttctnatn ntgggatccn ctngngggaa    1080
cannatnatt tctnnncann gnggncaana tna                                  1113

```

```

<210> 2173
<211> 736
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

```

```

<400> 2173
nccnttcgct gggatggctg actgctgtgg cggggtggg cagtgtgccc caacagctca      60
gtgctttcct gacactccag tgtctggggt ggttgaggag ccgagttctc tcttcctccc    120
agaccaagtt cctccctcgg gtttgcttg agacgtgttg cgtttttggg ccccggtggcc    180
tctccctggt aggctgccac aggccctgct tctggaaggt gaacagctcc tggctgctgc    240
cgagagggtt ctgcttgggg tcaccaaagt gtgccgggt gctatgaaaa acgttgggaa    300
tcttggtttc agttttttat tctatgctag gttgtacaga cttatttata tcatcgtttt    360
gagggactaa tggaggctta ttgtaacata taatattann tgaaacctat gaattatatg    420
aaaatgatac atgagaaata angaaactnt tttgctgatt gnaaattttt gtgggaaatt    480
ttgtgataac cttgagaatt atacttgntt gaatcnaagg ccacttcttc tagaatttat    540
tgggtcaaatt ctgncatatt taccttctaa atctnctctc aaagggggcn aaaagatacn    600
tatctttact gggaaaaaaa aaaaaaaaaa ccccccccn tttaaaactt ttangggggc    660
cntntcccg anancccccnc ctgannanac ccnttngtgn gttggggncn nccccaccn    720
taaaaaaccn cctccc                                                    736

```

```

<210> 2174
<211> 835
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(835)
<223> n = A,T,C or G

```

```

<400> 2174
tnannentat aanngtncca ggagataant agactanntn cgcctncgaa tgnentgccg      60
ctcggtcac tgatattgga gtactccgan aagggggatn tattttggca nnnatgttnc    120
ttttnnctg ntgtnttnaa ngcttcctat ttttatanca tatcgcgaaac ttngttcana    180
ccnacttgcn cnnnaacaan atnacagccc nngctgtgcn gtgaantagc nggatatcac    240
accantgcan antnttgggg tattggcnng acntgtgnet cgaatcctcc agagtttnan    300
gcggngggaa tcacangctc tggtnnnggg tgcntntgga aacattgtgt tgcngaange    360
ccacatgta tgcncaaaacn aaaacntggc gccntttgng ncatatgtnc antgananta    420
aattcnnnc cccnatacct ctatnngnnt gtggtnttgn atgncctaan accctatnan    480
tnnctcgnrc ntngtcnca annggtccat cntnaatnag ngannttctc ctgnnnnttt    540
catttgntac cccaagaaca ananttncaa agtttattnn naanaactca acggaaantn    600
nctttgttnc tattaacaan aattaaaaatn cntggnaatn ataatacaac atagntnnta    660
ntcccttttt nncgctcann naataagctn cgnatatac nngcnnaaat nnnagaataa    720
cantatnggn nnttanacnn tacngnnann gngngtgcnt gtacnttaca tttctantaa    780
tggcagggnt nanatgggtt atctatatca nggngctntc tcgaaaatna ntcnng      835

```

<210> 2175  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 2175  
 ntntnttcca nncenncaan atatncctaa ataacatgtc tnacntgntc ggtaagactt 60  
 actgcaccct gtncctataag atagaanatg ccctgccctt acaagacaan ganactgtag 120  
 agctatgcct tctaaatctt aanccactct tnagataatg gatcccttna tggccagccc 180  
 aaacatctca ngaactttta ntttgcaccg ntctgttttt ntttccattt atttaatacc 240  
 acnnattcac tntattatta tgaagccaat atcnacatnt tttcacaang attctctnaa 300  
 gaaatgcaga antggccggg tgcagtggct cattcctgtn atncccagcn ctttgggang 360  
 ccnaagcggg nnggattacc ntgtngtcgg nnagntcnag accnccctg acnaacatgg 420  
 agaaacccct gtctctacta anaanacaaa atcngctacg cgtggtggca catgccctgc 480  
 ancccagctn ctacggangc tgagggnagaa naatccttg ancctgggaa gcnnangtt 540  
 gcngtgaccc ncaacatttn cncattgcn cttccagcct nggggaacac gnagcnaaaa 600  
 ttccngtntc nagnaaaaaa aaaaaaaaaa nacanntntg nngnccttnn anaantcnc 660  
 cagngnggtt tctttnccnc taaatcccan nncatgnnaa naataaanct ttgggtnncg 720  
 tcttgggaen naacccttn tttnnanaat tnnccnttc nctcctctct nna 773

<210> 2176  
 <211> 1067  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1067)  
 <223> n = A,T,C or G

<400> 2176  
 gaannggggg gggatcngtc anccnntgct anttntctggt gaaagggnna nnaatgataa 60  
 attgattaat ttactagaa gaacnncgan actnccnct aatntntgga ctggnggtgg 120  
 ggataggagt nttgacgnt cacancacaa tgngaattna gantgngngn nagtatatan 180  
 atttancatn atagnntggc ntangggtnn gnggnggggn gtatgttttt ntncntatng 240  
 ccanacttgt gcatcacatg nttanacatg anagcncng atantatatt tanttctgt 300  
 cngnctnnc ntanantntt tnnnnntnna naatgtntat ntatcgatng tcatgatgt 360  
 antcctttnn gccncggnan ananangtnt acgcggnncn nncngtnnnc nnaagccnc 420  
 gtnggnnanc nntggnncga nnantgncna tatactnngt nnnntnacnt aantnaant 480  
 natgnnccgg anatacgttg tttnnnnacn acgaantann natgtgntag acnagtagnt 540  
 ntgtntaag aaaggntna cganntnat nnnccngaca ngnancnnaa gcagatttgt 600  
 nnantggtgt tcggcaaagt cacancnang ncacnagggn gttgntgt gagnnnnatn 660  
 nctnccngag aggnnanatc tatannnnat ggancnctna ngtnaganca tatctatntn 720  
 nctgttnaat tncggnnngt gggnnannna tcntgatnt nntancncg tnnnaangtg 780  
 ncgcngatgt atcgctgnt gntatcnnaa tacnaaanat ttaatannta tngcgcggnn 840  
 ttatttgata acggannngc gacngtgtgt ntgntttatn ntaccgcact ncgcgtcgcg 900  
 ncnccngnt atatnangag tnnanantnt tgatgtnaga tgtctnggga ngatntcn 960  
 gttacgnacg cnntcngtag cnngnacng ntnggcnnat ancgancntc gatttctatc 1020  
 antntgggn nncgatntag acanatatnn agtcgncgat atngngn 1067

<210> 2177

<211> 978  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (978)  
 <223> n = A,T,C or G

<400> 2177

gacgctgtnna gattnctcan ctctagnntc ttaannctac nnaaatatgn cattatcnnc	60
acanactnctgc ntentngat gcntgatnng ttncccatcc cttctgnata tnaaccanct	120
tgccnttccg agcancagt ccacatnnnt ntggntgtg nacagtcnc tcnccatttt	180
tcctgaaccg anagntggna ngactnanag tananaatgc aatatnttcn naaccacttc	240
nttaccnaga nnaanttnac ncantntaaa ccnnantatt cttaaaaaan ttactcnnc	300
aaaaacncta ttatntaaan tgccntttga atnnaagntt ntntcattn nnggttnatc	360
cggncngnag cctaatanng tgtacgtac tttggccgcn ttggatgngn ngaactcttc	420
attaanctgt ggngangnt cantaatncc gntcgggtat ntcctttatg aancangaat	480
catatcnag gnttanntct tnnngtcta tncctcttc taggntancn nctaaaaanna	540
cntgnggct tgnntctn tnncaaaaata atctcacant gnatgagcan tgtangaana	600
cntcnctgt gnttaganaa tnatctnata tantccanac cctctntngg nnaaaagngg	660
cgnanactt ccccggnant cngatagtan gtcccnngcc tcntagtac tttctntgna	720
naaaaataga acatnacanc attntntcn gcannttnc ctcncaatgg natccccctn	780
ngggtccttt agntnatntc anacnatnta agntgannt tctctctna aanaatctnn	840
ctacanggt caacnaaaan nggnatataa ngctctntn ctntccctn ggtngngaga	900
gtctnttnna tcttngang atcccaaac catagtntat attantggg acgcgngngn	960
gcgggccctn ttgtntgt	978

<210> 2178  
 <211> 739  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (739)  
 <223> n = A,T,C or G

<400> 2178

cggnggngc gaattctcac ccttttagtt ctccaaaatt taagatactt gatttcttag	60
gtaaaatgtt tttgtttttg ttttgagac agagtctcg tctgtcgccc aggtggagt	120
gcagtggcgc gatcttggt cactgcaaac tccgctccc agattcaagc aattctgcct	180
gagcctcca agtagctgc actagaaagc gcatgccacc acgectggct aattttttgt	240
attttagtag agatgggggt ttcaccgtgt tgcccaggct ggtctcaaac tcctgagctt	300
aggcaatcct cctggggcag cctcccaaag tgctaggatt acaggcgagc catggcgctt	360
ggccagtaaa atgttttcta tctagaatga atcaaggat tttccttgc cagtagcttc	420
tagaataaga aaaaaatagc agcaagatct gattcagaaa tagttgggag cagaaagtta	480
atatgaagga gttgctactt gttaacagcc tagagttgag atctanaaga attattacct	540
ttttaaattg ntgatgaaag cttaaatcca catttgggaa gttactctat tggctgaact	600
attttgagt tttggtgagc tttggattaa anattcctga ttttaactgaa acttaatttt	660
gccacatagc ttttnaattn cattcccang ttttacttgn ttttanctgg ccntnaaaaa	720
ctnannaatt tngaacnnn	739

<210> 2179  
 <211> 773  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2179

```

ncccnnttgc ggngaaatac tagcgctcct ctactntctc taacggnaaa gcagcnggaa      60
tacaagagac tgaactgtat ctgcctctat ttccaaaaga ctcacgttca nntttcgctc      120
acacaaaagcc cgggaaaatt ttattagtcc tttttttaaa aaaagtnaan ntaaaattat      180
agcaaaaaaaa aanggaacct gaactttagt anncagctg gaacantccg cagcggcggc      240
ggcngccggc gggagaagag gtttaattna gtngatttcc tgtggttgtt ggntgnncgc      300
tagnctcacg gtgatggaag ctgcacattt tttctanggg accgagaagc tgctggagggt      360
ttggtttctcc cggcagcagc cgcacgcaa ccaaggatnt ggggatcttc gccctatccc      420
aagatctgag tgggacatac ttttgaagga tgggcncgtg tcaatcataa gtgtgacaaa      480
aactgacaaa gcaggaanct tatgtactca gtgangagnc cntgttttg tctccaanag      540
acgnnttcent tttnaanact ngtggtntcc ncccttnttt ggntgaaagc attgtttccc      600
cctgtttgaa agctttgntt aagggatnnn agngggntnt gactcaatt ttcaactttc      660
tttttcttcc cttggnaana annttcntt gaaannccct ntccaccaa anggggtccc      720
cancncccg nntttttcng gaaanaaant aaaagcttcc ttttaatgcc nna          773

```

<210> 2180

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(744)

<223> n = A,T,C or G

<400> 2180

```

cnttttttta ttgcacgaa gaacgacccc gaccgaccaa agcccgcgcg ccgctgcac      60
ccgctgccag cacctacgtc ccgctgccgt cgcgcgcgcc accatgccc aagagaaaggc      120
tgaaggggat gctaagggag ataaagcaa ggtgaaggac gaaccacaga gaagatccgc      180
gaggttgtct gctaaacctg ctctccaaa gccagagccc aagcctaaaa aggccctctgc      240
aaagaaggga gagaaggtag ccaaagggaa aaagggaaaa gctgatgctg gcaaggagggt      300
gaataacctt gcagaaaatg gagatgcaa aacagaccag gcacagaaag ctgaagggtgc      360
tggagatgcc aagtgaagtg tgtgcatttt tganaactgt gtacttctgg tgactgtaca      420
gtttgaaata ctatttttta tcaagtttta taaaaatgca gaattttgct ttactttttt      480
ttttttaaaa nctttntttg ttaccncaca aaacacttca ttgttgtttt tnggggaagg      540
ggcatatgtc nctaatagaa tgtttccnaa gcctgggatt gatttggana aaacaccttt      600
cccttctagt nttgaaanac ttcttttgn gtncccaagg angangggaa tcccttgact      660
tttgacacac atnggcncct ttttgccaca aaancnttg ggggtnaaaa aaannaaatn      720
nggtttttat ntcccttttt tccn          744

```

<210> 2181

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(741)

<223> n = A,T,C or G

## &lt;400&gt; 2181

ccnennntng ntganacca	naggtacaga	tgaagtttt	tagttgaccc	atgaggcgac	60
cagaatttca tggatgctct	acagggcttt	cttgtctcct	ctaaaccctg	ctcatcaact	120
aggaaacctc aggcttgaag	agtgtcgaat	tatgtcctct	gcaaaaaggc	cactgtgggt	180
gaattgggag aaccagaca	tcatgtcaga	gttactgttt	cagaacaatg	agatcatctt	240
taaaaatggg gatgatttac	ggcaagatat	gctaacactt	caaattattc	gtattatgga	300
aaatatctgg caaaatcaag	gtcttgatct	tcgaatgtta	ccttatgggt	gtctgtcaat	360
cgttgactgt gtgggactta	ttgaggtggg	gcnaaattct	cacactatta	tgcaaattca	420
gtgcaaaggc ggcttgaaag	gtgcctgcag	ttcaacagcc	acacactaca	tcagtggctc	480
aaagacaaga acaaaggag	aaatatatga	tgcnnccatt	gacctgttta	caccgttcat	540
gtgctggata ctgtgtagct	accttcattt	tggcgaattg	gagatcgta	caatagtaac	600
atcatggnga aagacgatgg	acaactgttt	catatagatt	ttgnacactt	tttggatcnc	660
angaagaaaa aaatttggt	taaaacgana	aacntgtgcc	attttgtttt	gacacncgaa	720
ttccttaata acngattant	n				741

## &lt;210&gt; 2182

## &lt;211&gt; 770

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;220&gt;

## &lt;221&gt; misc\_feature

## &lt;222&gt; (1)...(770)

## &lt;223&gt; n = A,T,C or G

## &lt;400&gt; 2182

netcnntntt atctcccaag	ccannccctg	gatgaaaaca	tgnacctctt	ggaaggtata	60
ncnggctttg aagactctgn	ccnacagttt	atctgccatg	ttgtgggtat	cacttaccag	120
cacatngacc gctggctgnt	ggccgagatg	ctcggggatc	tgccgggtaa	cgccctctgg	180
gtcttgngn natctgggag	gttgggggtg	gctngggcag	nggncctcag	tcagctcctn	240
caacaggcct gtctgggtnt	tatcaggtca	gcatggaang	cccancctaa	ggaggaaata	300
ngaacttggc taagacantc	tctgncttng	aggganatcc	tatgccattt	gtcattttta	360
tttttgcat aattgagtgc	ctnncgtgtg	gtcantgtgc	taantgggc	gttccancat	420
tnnacaagt gggatggctc	cnattcattc	tcatngangt	ancaacnca	catggcnaca	480
atgggagggtg tccnntcggg	gaattccctn	tcntnaatng	aaancnang	acannnttac	540
anaccaagtg gccatctgaa	ncccttnccc	tcccnttaca	nnagaggccc	gttgccctn	600
cntgtntntg cnnaaangan	gatnccan	ttacngccc	ctgaenttnt	aacntttcnt	660
gggctaacc nagntgnac	tgcgccnat	canagctaaa	tntcgcgcca	aaantcnaaa	720
acttngnggg tttgcanggg	gcnnnttctaa	ngtcatgntg	nggcenttcc		770

## &lt;210&gt; 2183

## &lt;211&gt; 711

## &lt;212&gt; DNA

## &lt;213&gt; Homo sapiens

## &lt;220&gt;

## &lt;221&gt; misc\_feature

## &lt;222&gt; (1)...(711)

## &lt;223&gt; n = A,T,C or G

## &lt;400&gt; 2183

cctcctntcc attcggcacg	aggaattttt	ttttttttt	tttttaana	aaataaaact	60
ttntttttta taanaaaatt	aangttttta	gtanggaaaa	ncngtttgt	ctttcnttta	120
ccantncaan cantnttttt	tccaaaanaa	tnctnnggg	tttatngggc	cnttngtcng	180
aanccanccc cnggggaatn	tntaaangat	cccctgctnt	gancnccaag	tngaangtaa	240
gtttttnttn tncctggggg	aancaanggg	ttcanntgtt	tnttgcangg	nncanttgcc	300



```

anggganagt taancncant tccngnaccc ntccctgaana aaaaatnctg ccaaaaacaa 360
aaatnccccn gggtaaanac nncccntgaa taaaaaaaaa tcgncntaan gngtntcaaa 420
tttttatttn ttngggcanc aanggacttt gatcccttgn cnggcttgga aactnctgcc 480
agcccaactc antacanngc anctanaant gnttccaatn tggccnggga aaatcaaant 540
acccgggggc ccaaattgtt gaagtttttt gaccacaann ananaggaaa nacaaaaana 600
ggaaaaatncc ctnccttgn tttaaaaaca tntncttttt tgccaaagng ctttaagggn 660
ggaccgggaa naaaaacctt ttttnncnc anacnaaagg gttcaaccn n 711

```

<210> 2184  
 <211> 749  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(749)  
 <223> n = A,T,C or G

```

<400> 2184
gcccntngnc ccngnccac agaataccnc tgggtggagc ctgcacatcc tccagcctga 60
tcaaaaatta ttctgcatag tcccantgt gctttctggg agctatgtac ttcttcaatt 120
tggaactttt tctctctcat ttatagnaa aatacttgga agttacttta agaaaaccag 180
tgtggccttt tccctctag ctttaaaagg gccgcttttg ctggaatgct ctaggttata 240
gataaacaat taggtataat agcaaaaatg aaaattggaa gaatgcaaaa tggatcagaa 300
tcatgccttc caataaaggc ctttacacat gttttatcaa tatgattatc aaatcacagc 360
atatacagaa aagacttgga cttattgtat gtttttattt tatggctctc ggcctaagca 420
ctcttttcta aatgtatcgg agaaaaaatc aaatggacta caancacntg tttgctgtgc 480
ttgcacccca ngtaaacctg cattgtagca atttgtaagg atattcagat ggagcactgc 540
ccttanacat tctcttgggg ggattctctg cttggctttc ttggaacttt ntggnaagga 600
taaattctgg ataanggcac ttcaagaaan cgtaacaacc ccagtgctt ttcttccaaa 660
tcattatgga naaatactat tgccnntnnc aaggnagaat gccaaacccc cccacggnaa 720
aaattttnga agnttccngc ccaaatttn 749

```

<210> 2185  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

```

<400> 2185
cnncncgct gacttggcnc tttcttctat ttgctgggta gaaaagtcct taaagtggat 60
gctcatgttc agtggcctgg gcatatattg tttcactggg atcaataata ttntagata 120
taattttcta gcagctaggc tttacatgta tataactat ggttcagata taaattaccc 180
atctctctat attagcccag ttagctagta catggataag tcattagata atttgctacc 240
catgtatttg tcttattaag atgtagtat aataaaatta ccaagttatc ttagtattgc 300
tattatgggt aatatttcct catgtaaact gtataaactc acttatatac atatatac 360
atgtacacat atgcatacat aancacacac aaaggttaata aaagtgttc tatatgtagc 420
tagtaacaag ntaatttcag aatatttatt ttgtttttct ctantggaca ggngggaaaa 480
tatgggaaag gangtcttca gggctgcttc tgacctgact angacatgat taaaacactt 540
nggggagcct ttagaaataa anggctgtg atggtcagaa ntttatatac ntttttnnac 600
cctatgatga attttttttt tttttttnan nanaaanttc cccctnttat tnntttnngc 660
tgnannnncg aaangncccc ttnttggnnt nattnganac ctgngccttt ntggntcnaa 720

```

cnaattctnc nnnctnanc a

741

&lt;210&gt; 2186

&lt;211&gt; 795

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(795)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2186

```

ccnnnatacna atcggccgac caacaaaagt cgtgagtgat cactgaaagc tctgctgtga      60
agggtgacatt tgataactgg ggaagactgt tcaggtaatg ggggcacatg tgtgtgcana      120
ggcctgaaga aggtgctggn gtggcaagaa tagccaagag actcatcact ggacccgatg      180
gggagaggag taaaagaaaa ngnccaagaa ttggaagaga tggcgggcan gtcattgtagg      240
gccttacaaa gaatttgact ttggctgana gggganccgt tagaagggtg tgaacagagg      300
agcaatgtga tctgacttct cttttagctt ttagtnccct gtacctgcct tgtgggagac      360
agccagagac aaggctanaa gcagggactc cagntagatg gtggcatggc cttaggggcag      420
ngagggttgg tngnagttgt aatgtcttca atgtcaagaa acttgaattt gacntgntcc      480
aanagcattg aganntcatg gaannatgag ggttgggggtt gcgnaaattt acntaatcag      540
caancacccc gnetcttgtt ccctgttgg cnataccnac tctgtgtntc cnattgtgtt      600
naaatnttn cnctaagtct ctnccaanaa nttangcccc ttanagaata attnattnt      660
taaggaataa tttngccttg aaaagggccc cattanaaac ccccatcttt tcccccaacc      720
ccttttnaag ttttnattna aaaaaaacnc natanccttc gcccgaantg gacttnnngg      780
gccttatant cccc                                     795

```

&lt;210&gt; 2187

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2187

```

ngcncattnn ttctgnacgn aggcccgctc tccctttctn ggtaaacgga tgaagaaata      60
aaaatgccat ttctatttgt aaacttgat ttttgtattt atatttagga gtataaaatg      120
tacttatatt taggactaca aaaatgtacn tgggaagggtg acgggacctc tatactcagg      180
ttaagtctcg actgcacact gacaggagta tgtagaccat tccatttccc tgaagactca      240
gccttggttag tatcaggact ggtcggcaga tgtgcaggaa aagggtggcna gaaagtgcaa      300
gtncatanaag cagatgatat ttccagatcc acagcancce gaaatactac aaaangaaaa      360
tatatnacnt agcctcttca gatcatcggt cagggccttt aatcctctgt ccattacaaa      420
taaaaaaact ttattactga ttcatacataa tgaacantat taaattttta aaatcacata      480
aagctgtgtc aattttaaaa cccaactggc cgtctttcca aggacataa cnagcnnctt      540
aaaaaanaac cacattgatg accacccaac cttctttgnt gctccncttc ggggggattc      600
ctacctttct gaactttgga nnacntcccc acangantct gacccctttt ngnaaggngn      660
nttnacntga ncttgatngg gccnacnngg gaaattgtng gaagggtncn cantaagtng      720
gaaccnntt ggtttcnccg ganaattccn                                     750

```

&lt;210&gt; 2188

&lt;211&gt; 930

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(930)

<223> n = A,T,C or G

<400> 2188

ttgaataccc	cgatggtaat	ttncaacgcn	ccccgtgntt	ntcgtnttcn	ncntggatcc	60
cctgggtgccc	anattannng	ntncttcann	ngtanagaan	gtaaaaattca	caatctcctt	120
ttttnatggg	nggngacttn	tttctaattt	gccacttatt	aatcntggnc	aaaatgatnt	180
gnccnagntt	catcnctatc	tgaatttggn	cattacnccn	gcnatttcta	atngcnggga	240
atantcttac	tgctnaactn	ancnttnnc	atttggaat	nttnggccn	natcaattan	300
gnnngncnnc	tttaanggcg	ggtnttnga	nnctgntttt	cgcctnct	gctggtcctg	360
nnctccccct	nnntcgnaa	natngngctn	gtgnncnttn	gtttaaatan	tgnnnatcgc	420
ccntggnaan	tngtcctntt	nggnannnc	tccantggta	ngtcctgttt	taantnnaat	480
ggcgcaaaaca	ntcgattngc	tnnctcattt	cacgntncct	cnntttttgt	ncttannncc	540
naatttanac	ncaaccnna	tttaacttag	caattcncgn	accnnttttn	ggtaaanntn	600
ttcnggntct	cntcnaacan	angganaant	ntttttacnc	ncaatnnncc	ncggggcctn	660
acannccat	aaaattgnnt	tttcccncc	ntaaanttn	cccctaatta	atannggnat	720
tnccangn	nnntnctcct	tncaactcan	atnccctggg	cacctcctan	tataaaagnc	780
ncntttcagt	nnntntatt	ntccaaacna	nnnttnaaac	nnaaaaatnn	tgggaccagg	840
nanttctcac	cntaannagc	ctaccccccc	ntattnnnaa	angaaantgn	ctcntttaag	900
mntanccaaa	cnntaatccn	ccnccgncan				930

<210> 2189

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 2189

ncccntcnaa	ncgncganac	tgattcnttc	ctttntttac	aactgttaaa	aaacctcaaa	60
atagttctct	tcaaaagaag	agagattcca	agcaaccat	ctttcttcag	tatgtatgtt	120
ctgtacatac	ttatcgagc	gcgccagtaa	gtatcaggca	tatatatctg	tctgttagca	180
atgattatta	catcatcaga	tcagcatgtg	ctatactccc	tgcaagaaat	atactgacat	240
gaacaggcag	ntcttgagga	agaaagagca	ttcttttaan	tacctgggga	atacagctct	300
cagtgatcag	cagggagttt	atgtgaggac	atcagtcacc	tttggggttg	ccatgtacaa	360
tgagatttat	aatcatgata	ctcttcggtg	gtagtttcaa	aagacactac	taatacnat	420
gaagccgttc	cagctattta	atgctggcaa	ctactgntta	atggtcagnt	aaatctgtga	480
taatgggttg	aaagtgggng	gggggatgaa	attgnagatg	tttttagaaa	aacttgngga	540
atgaaaaatg	aattcnaatg	nttcnatggg	aagaatgggtg	aaccattgct	tatcattcca	600
ttcctggtct	catggcaaaa	aaanttttgg	aacattaaaa	aatcanaatt	aancccaaat	660
ggtttccttt	tttttaaaaa	aaanaaaaaa	aaaaancnc	ccccnttta	naacntttng	720
ggnngcntnn	ttccacnan	ccccca				745

<210> 2190

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2190

actccnnnnn	annnnccgag	gtttggggag	agtgatggta	gaaggactcc	caggagggcc	60
ctggagacag	tgtgaaatnc	gagggaggtg	aagatgcttc	tgtggctgcg	gagtggtccg	120
gggaggcag	tgggaccctg	cagaggagtg	gctctcttgg	caagatccgg	gatgtgctcc	180
gcagaagcag	tgaactcttg	gtgaggaagc	tccaggggac	tgagcctcgg	ccctccagca	240
gcaacatgaa	gcgagcagcc	ttcttgaact	atctgaacca	acctagtgcg	gcacccctcc	300
aggtctcccc	gggcctcagt	gccagcacca	tggacctctc	ttcaaagcan	ctgacatttc	360
aacccggccc	ccangtctgc	tgggtccccc	cacccccac	agtccctcac	aagcattccc	420
cattgctctc	tggctcttcc	ccaccctag	gtgggacant	gaaggggagc	agtttaacca	480
gaagattgct	gtgcccttan	ggtcttaanc	tccntctctc	caggaatccc	tctttaagaa	540
gggacccttn	agganacctt	ctctgcnacc	ttgtggtact	tttnagagta	nnctngcctc	600
tgaggcccca	acggtggggg	ncaaaagcca	nmgtantngc	cccnaanan	aatccancct	660
gctggccggc	ttttcaagcc	aaaaangttt	tgggggggnt	tgncaaaaaca	anntngcctt	720
tgnccttggg	cggntnttna	ctcccttctt	tttgggtgnt	naann		765

<210> 2191  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 2191

ccccgnttca	atccgcncga	ggggntccca	acttgccctg	cagntgtnc	ctgagacctc	60
aaaccagttg	gagctgatca	caaccagggc	cacaaaggca	ggcttctccg	gtggcatggt	120
ggtagactac	cctaacagtg	ccaaagcaaa	gaaattctac	ctctgcttgt	tttctggggc	180
ttcgaccttt	ataccagagg	ggctgagtga	aaatcaggat	gaagttgaac	ccagggagtc	240
tgtgttcacc	aatgagaggt	tcccattaag	gatgtcgagg	cggggaatgg	tgaggaagag	300
tcgggcatgg	gtgctggaga	agaaggagcg	gcacaggcgc	cagggcaggg	aagtcagacc	360
tgacacccag	tacaccggcc	gcaagcgcaa	gccccgcttc	taagtcacca	cgcgggtctg	420
gaaaggcact	tgctcttgca	cttttctata	ttgttcagct	gacaaagtag	tatttttagaa	480
aagttctaaa	gttataaaaa	tgttttctgc	ngtaaaaaaa	aaagttcttc	tggggcccg	540
cgtgggtggc	cacaccctgt	tatcccangc	accttgggag	gctgangtgg	gaagatcatt	600
tgagggcngg	aagtttgana	cccttgncct	gggcnacatt	aaatgnaact	ttcttttnca	660
ngggagaaaa	aaaaaaaaaa	aagccttttg	aaanccattt	tttttttnt	taaaangnca	720
aaaaaanaaa	atnccnttt	tngggnaaaa	aaan			754

<210> 2192  
 <211> 782  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(782)  
 <223> n = A,T,C or G

<400> 2192

cccntttnat	tcgcccagg	angcaanagn	aacctcttcc	agccnctgt	tcctnagaag	60
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gtgccaggtt tccnncatca cacacntacg cagcgcctcc ntccactcgg aaggactatc 120
ctgctgccaa gagggtaag ttggacagtg tcagagtcct gagacagatc ancaacaacc 180
gaaaatgcac cagccccagg tcctcggaca ccgaggagaa tgtcaagagg cgaacacaca 240
acgtcttgga gcgccagagg aggaacgagc taaaacggag cttttttgcc ctgcgtgacc 300
agatcccgga gttggaaaac aatgaaaagg cccccaaggt agttatcctt aaaaaagcca 360
cagcatacat cctgtccgtt caagcagagg agcaaaagct cattttctga agaggacttg 420
tttgcgga aa cgacgagaac agttgaaaca caaacttgaa cagctncgga actcttggtg 480
gtaaggaaaa gttaggaaaa cnattccttc ttaacanaaa tgttccttga gccantcacc 540
ttatgaacnt tgttttcaaa atgccttgat tcaaaatgca accctnaca ccttttgggt 600
ggagttcttg aagaantgga aagaatttaa cccctcaatn gtaaaactnn ccttnaaaat 660
tnggaccttt tgggccataa anangaacnt tttttattgg ccttaccat cntttttttt 720
ttttttttta ancanatttt ggcnnnttna anaaanttgg gtttttaaaa aaatttttan 780
an

```

&lt;210&gt; 2193

&lt;211&gt; 1413

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1413)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2193

```

aanggagggg naaagggnnn ncgggggggnc nnnnanaaaa aaaaaggggg aagaaaaaaa 60
aaaaaaaag cccngaaana gttnnnncaa aaaaccccaa gggnaaaaaa anantgttta 120
aatcgagggg ggncnngnnc anccggggcnc cactnnncaa angnggan anaccccnng 180
ggnggnaann nggggggggg ggnntntttt aaaaagnaaa aaagnnggan aaacnncaca 240
cggntncacg ggtngngcgg agggcngnca cggngngggn aanacngaag agaannaanc 300
cccngagngc nnnngngncg ccncagacnn cgnncacaca ttancgaaa ggcggnaac 360
aanntccagg gcanaangnc cggangcgac tanannacng naaggnggt cntcaannng 420
ggagggcnn cnaagnngac ntcgcaacca cangantcca acggaanaac ncgntnnggg 480
gagggcnnaa angnncccg gannnnnggc ccncggggg ggaangancg acccnnnca 540
naggnggnaa cnaacgacng ntnaacnagg gnncgntaga nacannncgn caannngnng 600
cncncngann cgggncagna atannccnch gggacncng gnacannnt nnnncnangg 660
ngncancgcc aacaanaacc cgnaatcgcc aagccncnan gnangnagga aggtcnncan 720
ncgancagna aaangcnnga agtacgancc cggcngcnn gaaanacggn ncagaantnc 780
ggncagnc caggggnatn ggcaacanag cnnnnacact cgtncnnna ccaggggaca 840
natagnnca gatanacnnc accggagagn nacnncgagg cangccggan nnacnnacgt 900
gagaannacg ccacatcaac gagngacgac gngncnagc nagtcgacac gncacnngga 960
agcatccggn nggcngcgcg aaananaccg tcagagannt gcnaagaccg atatacnngn 1020
cgaacgacna tacnncngng nagacatcgc gnaagncng anacgnnagg gaagaaaaan 1080
anagnccnnc nannccnng ncaccacgnc ccnaacacn ncacnggatg gggananaaa 1140
agangntan ncnacaagg tnaggatgt gatgacnac ngcgccggn caancan 1200
nggagncgaa atacgacang gagccagac ngagccaccc ancgcacgna aangcacggn 1260
gcccnggcc atnccagcga gnanagnnan ctgncnggt anacgggagg ccnnagaggc 1320
ggccanacca nnacnnnnac ncaccgagng acgaganana ncaaaatcca cgnacgcnng 1380
cnntcanaag angacnncn ccnngnnaaa ng

```

&lt;210&gt; 2194

&lt;211&gt; 745

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(745)  
 <223> n = A,T,C or G

<400> 2194

atnnnnnaaa	ccaggggctc	atgtaactgt	gattaagctg	tttgttggcg	gaattaaaga	60
agattntgag	gaacatcacc	ttagagatta	ctttgaggaa	tatggaaaaa	ttgataccat	120
tgagataatt	actgataggc	agcccggcta	tcagcccggg	tgacagtgc	gaggagaact	180
gagggcacgt	ggggtgcggc	agcgggctag	ggcccagggc	agcttgcccc	tgctgcccgtg	240
cagttcttgc	tcctcacggg	gcgtcacccc	cagcccagct	ccgttggtaca	taaatgcctt	300
gtggcagagc	tcccggtgaa	cttctggatc	cggtttctga	tgcaaattct	tgtcttgcct	360
cacttgtgct	gttagaactc	actggccant	ggtgttctac	tcctacccca	cccacccctt	420
gcctgtccca	aattgaaaga	tccttccttg	cctgtggcct	tgatgccggg	cgggttaaang	480
gtatttttaa	ctttaagggt	aagtcctgct	gtgagtgggt	acagctgac	ctcgggnaag	540
aacaaancta	aagcnggctt	ttgncctgta	ttttaatttt	ttgaagttaa	ataaaagtta	600
ctaattttgn	aaaaaaaaaa	aaaaaaaaac	ctcgagccct	ttaaaactat	agtgagtcnn	660
attaccgtan	ncccagacat	gaaaaaanac	attgatgaat	ttggacaaac	cccactngaa	720
tgcnntgaaa	aaaatgcctt	ttttn				745

<210> 2195  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 2195

agnnnnnncg	aggaaggatc	tccttggtta	ccaaanggcc	tctccctttt	ccccctttct	60
ggttggagga	gggagaagtg	ggaagtagct	tgggaactgg	tttgtccaca	taaacttccc	120
cattgttccct	tggcccgccc	tcagggcaga	gccccctgcc	caggctgggt	aagagatggg	180
cttgggtccag	cagggaccct	gagggaaaca	acccttttcc	ttctggggag	agagtgcctc	240
cccctaccat	gtagtgaac	aggggctagg	agctccccac	tccccctcct	ctaacagcag	300
gctgtgtggg	tttcaattcc	catecttccc	accccggcta	ggtgtcgtcc	accctgtatc	360
ctgtgtctga	gtgtgtgtgg	gggggttctg	tactaatttc	catggccggt	ggcttttccct	420
tccatgcac	actccccccc	gcctgcccag	ggggccaccg	cctggcatta	ccgcagtctg	480
gggtcattgg	gggagggggg	tggggctcac	gctgcctgtg	gtcttganat	ttttattttt	540
tgcatatgta	atccattctg	tacangtaac	taactttgta	aacgcttggt	tattccctnt	600
tgcccccatg	gcttgetggt	gtaaaanaaa	ctggcatctn	cccgtttggt	aaaaaaaaan	660
nnnnnnnnncn	nnnnnnnnnc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnccctccnn	ccctttaaaa	caatnngggg	gccttttaac	ccaaan		766

<210> 2196  
 <211> 918  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(918)  
 <223> n = A,T,C or G

<400> 2196

atnnnnntnc	aaanncnntn	nannnnnann	nnnnnnntnca	nannnnnnna	nnannnnnnn	60
------------	------------	------------	-------------	------------	------------	----

tnnnnnnnnn	nntnnnttnn	nnnancnana	nngnatcnnn	nanannnnnn	nntncnnnnn	120
nccancncng	gngcngccgt	tttgaaatcc	ntatnccanc	tacttgggtt	ctttttgcag	180
gaacccatcc	gaatccgcct	nanataaaca	gtactctctc	tcaggattct	cttggaacat	240
tcaactcatt	agtgagtgg	cntccccagt	catttccatt	tttctttatt	tnggctctga	300
tagtttnactg	tttttgtnn	tcagagataa	tcctttacta	tactaaattc	tacgtgatta	360
tattttccac	ctctatttgc	ctatatatta	tctgtgact	tttccttttc	catatatggg	420
cttannnnan	tgnttccctc	ttcttctttt	tctacctttg	gtatnnaaaa	agtnacttag	480
ggactnnnnn	cactggctta	cgtgtgtaat	cccacnactt	tggcaggctg	aggcgggagg	540
atgcntganc	cccggngttc	aaggctgcan	ngagctaccg	antggagccc	ctgccactcc	600
agcctgggca	acaagaatga	gaccctggct	ggnnttnggg	gggaanaagt	tnatttcaca	660
acgtttttga	aaaanattct	ttngcccaan	ncatggntgg	cncacacctg	ttaatccag	720
ccacttttgg	ggaggcccga	aggccgnatg	gntcancttn	gaggccanaa	gntttnnnacc	780
anncntgggc	caaanaatgg	ngaaaaaccc	ccttntnttn	cttaaaaaaa	acaaaaaatt	840
agcccnngcn	tagtgnannc	caancctgn	aaaacccaaa	atanctgggg	gaaacctcca	900
ncctnggggg	ncaaaaann					918

&lt;210&gt; 2197

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(855)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2197

ctatectttc	anctcttggt	ctttttgcag	gatnnnatnn	nagcncagan	nnaaaagctg	60
tgctccta	gacagcaaag	ttaagcactt	cctttgtcct	agagacattt	attcattcta	120
aagaaaagcc	cacgatgctt	cagtggattg	aactgttgac	gaaacagttt	aataatagtc	180
aggcagcttg	tgagtgggtt	ttagatcgta	tggtgatga	cgactgggtg	ccaatgcana	240
tactaattaa	gtgcccta	caaatttgta	gacagatgtt	tcagcgtttg	tgtatccatg	300
tgattcagag	gctgagacct	gtgcatgctc	atctctattt	gcagccagga	atggaaagat	360
gggtcagatg	atatggatac	ctcagtagaa	gatattgggtg	gtcgtcatgt	gtcactcgct	420
ttgtgagaac	cctgttatta	attatggaca	tggtgtaaaa	cctcacagta	aacatcttac	480
agagtatttt	gccttccttt	acgaatttgc	aaaaaatggg	tgaagaaaga	gagccaattt	540
tttctttcat	tgcnngetat	atctacnatg	gtancatttt	tacattgggg	aacccaaaagg	600
gaccctgaaa	atccttcaag	tttggaagtg	gttatcnnga	aggaagaang	ggggaaagaa	660
agaaagaagg	gngggaagga	aagattatcc	ttcttntctg	ggcaggaaag	naaaaaaatt	720
ncagggccca	ccctgcccct	ttgaaaaagg	aatggaatag	cctntaagtt	ngctcctttt	780
tnggggtngn	aacaagtntc	tcggaatcaa	gaaaangggn	ggaaatngtt	tcccgaattt	840
ttnaaaaatg	tcttt					855

&lt;210&gt; 2198

&lt;211&gt; 787

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(787)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2198

tatcctttga	actcttgtct	ttttgcanga	nnnnnnnnan	cgtnntcngn	ccgaggcttt	60
agctgttaga	aaggannttt	cgtgacatga	cacagacaca	cgtgaacncn	cagcccgcgc	120

gtcctagcag	ccagctgtga	aagctgtgtc	aagtcacggg	ggttcccgtg	tgtctgtgtc	180
atggatgcaa	tgcggggccct	ggaggactgt	gcgtcacccg	tcaaccagag	cggtgcctccg	240
ggccagcttc	cctccaagga	atgagtggat	ttcatacagg	atctctttat	tgcacagact	300
gaatggcttt	acatgtttct	aatgtgaatt	aggcatgtga	agcagtgggt	gtccacccgt	360
gtccctcatg	ggtgagccct	ccagctgtga	gcccaggcag	tgtggtcacc	gagtgaggac	420
cctcctcacc	aggaaccgna	ttcctgtgct	gcctccacct	gagagttgct	agggggttct	480
tgtcgagatc	atgtcatcag	cacccctaag	tcaagtcacg	ggtttccata	gccaggcaag	540
ttggtatgta	caattcagtt	caancgtatg	aacttgtatc	tctaactctga	tgtccatttn	600
tatatTTTTT	gaaactgagc	ccaatgaaat	cctttcttga	atcattttcc	tttnggataa	660
taaaaatatg	ggggaaaatg	ctatgatgaa	atztatgcaa	taaatgtata	cntgtgtgca	720
ccttcccccc	atcctgggga	aaaaaaaaa	aaaaaaaaa	tngccttta	aaacttttan	780
tgagncn						787

&lt;210&gt; 2199

&lt;211&gt; 1305

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1305)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2199

nnnnnnnnnn	nnnagnnncn	gnnannannc	ngcgnngana	ncannaacnn	gaaaacgnnn	60
nnnnnangan	nnnananngn	cnnccgannng	nnnnaaangn	nnngngnnng	ngnannggng	120
acnnnancann	cggcgaanga	cnnacgnnnn	annagagngg	gggagnggga	ggngngngnn	180
ncannncngng	anacnnngca	nangnacngng	anannannaa	nncccannnn	cncagcngcg	240
ccccttntng	ggnaaaaaac	ccccncccnt	tnagggcnaa	accngggccc	cnccnanttn	300
anggacnngg	ganaaccccc	caaaccgggn	angcncgccn	gnccccgggg	gngggccggga	360
ganaaaaanac	caccngnggg	nnnnngntcn	aagnncaaac	cantcaant	ntnggcaagn	420
accccnccca	ntaggggnan	nanggaggnn	gtnagngnan	accaataaca	naaggggccc	480
tcnaccnnc	cnaagcccn	ggaanatan	gccaatgcng	tancannang	ggaatnncaa	540
ncgaggggaa	canaggagcc	gtggcnagan	ggnagggngt	gccncgcagc	cgcnnnacct	600
acggaangga	ngtnagcacn	gaaacncaa	aaaaancaa	gggggctnaa	angncanagg	660
cncnaatngc	nannnncccn	ccaancaa	tcntganaat	ganncggnac	canntccant	720
gnnagaggaa	aagaggngac	acataaagcc	cngcangaga	atgaagagnn	gctcaggggac	780
agntggnggn	cgaaaaanana	gggcgngtag	tctacagnag	ggntcanggg	aaaaggncac	840
acnnaaacn	atgggnaaaa	aaacngangc	cgnaagggn	ggcccanan	cttaaacggg	900
gnacnnntgn	nacacgggaa	ccggantgna	accaacctac	tcannaaacn	ancgcaangc	960
cngngggngg	ggnggtnaaa	caaannnganc	tacgnntgan	angggcccca	gnggggccc	1020
naaanannga	nagggggcat	cgatcagana	taaaacgncc	nggggggggn	tcnngncaga	1080
cnaaaanggg	ggaaaaaagt	aacaacncc	cccanatata	ccctcatcaa	aaaaaaaaa	1140
nngngggcca	caggaaanacn	cccncggcca	naaaaaaagg	acnacanagt	nntngcaaac	1200
acnagggggc	ncacnncggn	ggcncaaanc	ggagccatgg	ggngattatn	aaaaaanagg	1260
gggggnanaca	nnacacaaaa	naancccccn	nggggggacc	ngcgg		1305

&lt;210&gt; 2200

&lt;211&gt; 856

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(856)

&lt;223&gt; n = A,T,C or G



```

<400> 2200
ttatcctttc aactctngnc tttttgcang atcnnnnnnn nncnggctgn ncntgttaac      60
aacatgttgc atctgtacgc cagtatgctg tacgaacgcc ggatactent tntttgcagc      120
aaactcagca ctctgactgc ctgcatccac gggctctgcg cgatgctcta ccccatgtac      180
tggcagcacg tgtacatccc cgtgctgccg ccgcatctgc tggactactg ctgtgctccc      240
atgccttacc tcataggaat ccatttaagt ttaatggaga aagtcagaaa catggccctg      300
gatgatgtcg tgatcctgaa tgtggacacc aacaccctgg aaacccctt cgatgacctc      360
cagagcctcc caaacgacgt gatctcttcc ctgaagaaca ggctgaaaaa ggtctccaca      420
accactgggg atgggtgtggc cagagcggtc ctcaaggccc aggctgcttt ctccggtagc      480
taccgaaacg cttctgaaaa tcgagccgga aggagccgat cactttctgt gaggaagcct      540
ttcgtgtccc cactaccgct cccggaacca ttgaagcang tttcntgnca gaaacgccc      600
cacaagnttg caagnttntt cnaagccagn ttaattggat nggtccgaat tcagaatcct      660
tctcaaatat tccgggcgga aanggttttc aanntngatn gttttttgga aagaaaggg      720
aaatctaacc attgggnccg aaatancccc ntggcaagnn gaccaaact ggtaccatcc      780
agtgggcttt ttcaactgtc ccggaaaang gaaatcgga accaattttg gaatactggt      840
aaaanancca aaaccc
856

```

<210> 2201

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

```

<400> 2201
ngagttnnnn ncgaggagcc atgcgagcag ctngttcttt tggagaaaga actgtaacag      60
aactgatntt ncattaccag aaccctcagc agttgtntgc caatctatgg gccgctgtca      120
gggctcgagg atgccagttt ttagggccag ctatgcaaga agaggccttg aagctggtgt      180
tactggcatt agaagatggt tctgccctct caaggaaagn nctggtactt tttgttgtgc      240
ananactaga accaagattt cctcaggcat caaaaacaag tattggnat gttgtgcaac      300
tactgtatcn agcttcttgt tttaangnta ccanaagana tgaagactct tccctaattgc      360
agctgaagga ggaatttcgg agttatgaag cattaacnan anaacatnat gcccaaantt      420
gttcatattg catggaagca ggactccngt attttnnnct tgaacagagg tccttttctt      480
ttgngtggtg atntggctcc ataaattaca acatgcngtc tatcaatnga ttanggtttg      540
tgnacattna gagatgcctg atgttctatc attgctgtnc ctttggaata tntttncaat      600
tttttnaaag agttntnacn ccaaaccagg tgggagannn cctattnttt ttaaagtcca      660
gnctnttata naattnacct etnatctccc tctttaattn nccnctgca aaaannanna      720
nggatgccac ctcggggttn cctaatttan natcananan aaaanntanc tctnttccnn      780
n
781

```

<210> 2202

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(850)

<223> n = A,T,C or G

```

<400> 2202
nnagnnnnnn ggtgcctccc aatnccagc atgttttttn aacnngnttc cactanaana      60
aagacggttt anttangcct tttcaagtaa nangtgetng gaatggttct atgaatatgc      120

```

aggrnnggtat	tcatttgtat	catctnnnan	tgatccttan	nacaatnnng	agttccttan	180
anangattaa	agannntana	aatgngtaca	tttcaccntt	gggtgtgngt	gcgtgtgtgt	240
tcntgttnaga	gggagagagg	gacatngctg	taaccaatcn	ncagatagcc	tattttatag	300
ccagcancctt	aagccaaata	atttcaganc	actananggg	aacttgaana	natgaaatga	360
ctttgggaga	aatacttttg	gattgcttgg	nnnaacctnt	ttggaatgcc	tgantaatgg	420
gtgatcatnn	nggtcaaagc	acctgtgnta	nnaatnngct	nttgttgcn	ttgaancccn	480
tnctcantgc	agntgcaata	ttcttnnata	tnctannncc	ttttatttng	gcaaanacca	540
cnnggggaaa	caaaantggt	tgtttttncn	cactttaaac	aactggctcn	ttnaaactna	600
cnttctnttc	tctttttgcn	nantttacnt	ancaactggg	ntttnggnnt	taanaatant	660
cgncgccgcc	cctgngggcc	nnaactccgg	tnctnctggg	gggctntccg	gccnnggtag	720
taanaaaaaa	aaancntctt	ttcgcncccc	cttcgggtga	ngncgctntt	ctcncgncca	780
ctcccttatt	atcncatenc	cnctcccttc	tnntctgncc	tctngcgaac	atnacccccc	840
ccccttngnn						850

<210> 2203  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 2203	
atccccatnnn	attcgaatnn nnnacgagga gctctctctg gaaagctcgc actggaatgg 60
agaacacaag	caggaaatgt gaaaagtaac ggttgaaaagc cttacttatg atgacacata 120
gggagggcagg	tgcatatctt acaattctag acacttggtat accttgggaa accatattga 180
aagttacctt	gatttctntt ttttcttttt tttttttgag atggagtctc gctctgtcac 240
ccaggttgga	gtgcagcagt gcgatctcgg ctcactgcaa gctccgcctc ccagcttcac 300
gccattctcc	tgcttcacdt cccgaagtag ctgggactac aggcgcctgc caccatgcct 360
ggctaattgg	tttgtatitt ttttaataga nacagggttt tcaccgtgtt ggcccnngatt 420
tggtctcgat	ctcctgacct tgtgatcagc tacttggggac ctgagacang agaaatnctt 480
tgaacccaag	angcggaaag ttcanggagc caagatcgcn ccnctggact ttanctggg 540
caacgagang	aaaactcttc ttgaaaaaan anaaatncna cnaaaaancc ctcgngcctn 600
tanaanttan	tgagttntat tacctaaacc aaacntgnta aanaaacatt ggtnnngttt 660
ggnccaaccc	caactttaat gccnggaaaa aatgcnttnt ttggaaaatt nngatgcttt 720
tgcttttttn	naaccctttt taacnncaat aaan 754

<210> 2204  
 <211> 1412  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1412)  
 <223> n = A,T,C or G

<400> 2204	
ggaggacnna	nggngcnann nnacacacgg gnnnnannan gnaggcggng aanggacnng 60
nnngagggcg	cagnncaagc gcangcgncn nanagaangn gnnggnacga gcnnancaga 120
gngagagggg	ncgaggggaan nngnagagcc gcngcanagn agaaaaancnn nnnngnngggc 180
cgtnngggaa	aacccccccn caaannaccg cgggnanang aaaggaagcc aaagagaanc 240
ccaaatcgan	gagaggagga aaangcnggg gngngnaggg gcgagcccct gtgaaggcaa 300
gcaacgggca	annnacaaca nanccanggc agacncntca ngngggggag gacacngaag 360

```

gngnngagng anccannaaa gnnngaaggng gaggtgacag anggaanggg cncnngnan 420
ngnacaaana ggnagnangc anangnanag gcccnngngg gaacaanggn naaangaggg 480
gagcganaaaa aggggggggna anngnggaac aaangangan cngggangaa ccggangggc 540
gnaaggnggc ggcaacggnc gcgnnnnanc gnggaggcga ncacgagaag gggaaagcnn 600
agngggcgta tggngacgn ccgangnnag ggcgagccg ncaccangng cgaanacgnn 660
nnnnnnnnag cggcagngng acaagaaaac tancncgagn gggggggcnc tcctagaatc 720
gaaanannna nnagcgnana aagacgagag gggggggggg accgnaana ggggacgaag 780
anccacgatn tngggggggg ncagaatanc cngcgccgt annncgcga gagnaaaang 840
agngggngt cacagatggg gngctgcng gganaaaaag ngaananaga gggggancac 900
aagnggggan angacacagc nggngnagag gagnngggg agnaaaaaa angcgggacg 960
gannanangg gggncnagag ccgccttg ccacaaaann acncgtagct ctccgcccc 1020
ggggggcnc gcattgtcann acnntggng gggggacnc cngngatgg ggggacacat 1080
ctgggaaaaa aagangggnc anacntccc ncagaaaagc accancctg ngggancaga 1140
ngganantgg gggagggggg gcgangaana nanggnaaan cccnttcgga ancgngana 1200
cananaana anantnggcc ncngggcna gggaaanggg nccnaaaatc cgaaaaaccg 1260
acaggaanga cgatnngcaa aagaccganc ncaannctga ngtggggggg aaaaaagcgg 1320
gannncacca accaagnnaa naaangcttn nnagggggnt ngganggacn anncangtgg 1380
nangancccg gtcagacggg gnaaananan nn 1412

```

<210> 2205  
 <211> 784  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(784)  
 <223> n = A,T,C or G

```

<400> 2205
ttatcctttn aagctcttgt tctttttgca ggatnnnnnn nnaggggtaa nnnctcagg 60
ctccaccata ccaggtctct taccttagca gaagcctgtg aagctggtag cagaaacgag 120
aaggaacaaa attactcca aggcagtaag ccaccacaa gaccactaca cgaagttaag 180
gctgtgtgaa agaggagcn tatttaattt tattgttaa gaggaataa aatatctaga 240
gaaacagcca ttaaaaaatt ggcaaatcca gcctggccaa catagtgaac cccatctct 300
acaacaatac aaaaatttagc tgggtgtggt ggcgcagcc ttagtcccc agcttctcag 360
gggactgagg cggggggatt gcttgagcct gggangtcg aggcctcagt gagccatgat 420
tgtgcactg tactccagcc tgagcaataa gagcgagacc cttgcctcta aaaatacatt 480
aattaattta aaaattangc naaagatgtg aacagatact ttttccaaag aaaggatat 540
gggaccaggc acggtggctc atgcctgcat tctgggaggc ttgagatggc ggatacctga 600
gatcnggagt tgacaccccc tacccgacat ggtgaaaccc cattttactt aaaatacaca 660
cncncccc caaatttctg ggcattgtggc aagnccccct tagccccact ncntnaggag 720
cttgangcnn ggnaaatntc tgnaaccnng gagncgcagg tgnnggnanc cnnaccnccn 780
cttn 784

```

<210> 2206  
 <211> 779  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(779)  
 <223> n = A,T,C or G

<400> 2206

```

aanaccttga accccgnnnt tnnnnannnn nnnnccnaan ncgtcaatga caagagcagg      60
aagagcggtt ttgtgaaggt gattgacgtg actgtgccct tgcagtgcct ggtgaaggac      120
tcgaagntca tcctcacgga ggccccaag gctgggctgc ctggctttta tgaccctgtg      180
gtgggggaag agaagaacct gaaagtgttc tatcagttcc ggggcgtcct gcatacagat      240
atggtgctgg acagtgaggc cctccggata ccaaagcagt cccacaggat cgatacagat      300
ggataaactg ccaagaacca gatttttaaa aggcccgcaa aaaatctttt cctgggagtc      360
tacaaatttg gaaatgaaaa aaccagaca tcagatgttt ttattttata ttattattat      420
agaaggtggt accattatca attatgtgaa gggacatgca gacaccccag cttttgaggg      480
tgctgggggt aggactgagg cagccccact ggggaaccaga ctgcagcctg cccatggctg      540
ttttcccaag gatcaagttc ctgganggaa aggcctcttg cctgacttc cgttgtgtcc      600
cgagcacacg tgcttgacct gnanccgcc cgncctgtaa ttcttggtg ggtctggaag      660
tgtctgtgga gcaccctgnc ctcaccacag gancctgtaa ccnctnttn cagtcccgt      720
gaacatggga aacaacctga aaaagnagca gccctccgt cagggaccct ttntttgcn      779

```

&lt;210&gt; 2207

&lt;211&gt; 817

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(817)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2207

```

ctanccttna annnnnnnnn tttnnngacc nnnnnncgng gnnngcccaa catttcagat      60
tttccaaaat gtnggttagg aagtctccat tgtctctgca ttatnaaaat acactgttac      120
tatcttaatc tcaagagtgt cattacagtg agaatctcat ttaaaagcat accagtgaag      180
ttaatagcag tgcttatcaa agaacactga aatctgtgag aatctttcta ggagcattct      240
tttcttcttt tagttccaag ttccagggtg tttttcattc ctagtaggtt tatatgactc      300
acagaatgtg gacttttttc ctgtttggag tatttttgta atgtaagtat cggatagctg      360
caccacagca tgcataaatt gcacattttg ttttactttc tttatagaat atttaatttc      420
aaaaatataa tttatgcaa aaaaagcata cctttcaatt ttgctacttg gttgatttan      480
cacaaaatgc aaagtcttgg ggcagagagg gggagtgaag aaaattttat aggtaattgt      540
tcaaaaatac cctgtcagaa accctaaagc tgcattgtga aacanatggt ngtnaactag      600
tttttgaaaa agtggtngag gaattngtga aaaaaatctt nagacttaat ggctctctaa      660
cccatatgan gtttcttct tttttaattt aagtaaatac cgctgtcttc cataatttgg      720
ganggttttt ngnggttttg taaggctact tggaacaana cattggaaaa cctggattta      780
taatttggga taaactggna nccataaaaa aagaaan      817

```

&lt;210&gt; 2208

&lt;211&gt; 991

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(991)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2208

```

gaganagaga acntcttttg gcaaaactcc cctgggctct ttttttgggc aggggaatcc      60
ccaccccgaa ttccgnaaat ntccgggcca ccgnagcccc aaagaaccct nccancgggg      120
ccctngngn ttttttttaa aancccccnn cnaaaangtg ggancangng gaaaanggaa      180
gggggaagg ggggggacgt ttccccaag agagtnact cnnccctnnt tggggggang      240
ggggnggcca attgggccct ccanggaat ttcnttggga aaaggtggng ggaaggggaa      300

```

```

gnngccangg gggntttant atnaatccct aatcccaggg naagggggga ngcctcttct 360
tacaccaaac ctcatctctc ccctcaanga cctaattgga caatataang gaaaccncct 420
gaagggaaga agccnnactg aaaggagggg aaccagcnnn nnnncggggg nattgggttt 480
tgnggggatg ntggccgaca cctaatacga aanggnccct gccnaaaata nttggacctt 540
ctaattgaat nggactnggg gggaaaacca cgganccttc aaatttangt ccgcttgnaa 600
gnacagnatg gaatgaactg gntacaataa aaaccctcgn angcctngca ttttnaaata 660
agggaattng gncccaaaaa agaaaatctt ggggaatnng gcccnnaaat ttttcngggg 720
ggggggaaaa atttcaagaa cttggnaaat tgggggccaa gnttggancc gaaaccccg 780
aaaaggnggg ccaanggaag tttggaagtt acccgaanc ccccgcttt acccctggcc 840
ctttgccatt ggggggggtcc agggaaatatt gngaacctc ccaangggac catcgtcaaa 900
gtgggcttgg ccaannccna ccctccgggg gaagggtnaa agaaccctat caaggggngg 960
naanaanggt aaaacatggg gccatctggg n 991

```

&lt;210&gt; 2209

&lt;211&gt; 941

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(941)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2209

```

nnngttnnna gangtatagt gtaagtatga agaacatnnt gcaactgtac aggtagtcac 60
cagtttatngt gatatgataa ataatngggc tattttgatg aagaaaactt tgttcatttg 120
tttctacttt ctaagagaaa ttgccacgat tcctctgctt ttcaacattt cntatgactt 180
ttttttcggg tgggaataaa aagctgtgaa attgtcaacc tactttgtaa ccaaagaagc 240
aaagctgtgt aatggagttn ggtttttttt ngngtntttt tttttcgccn tttttntttt 300
tataatgcnc attcttnatg tatccntat ttangegttn tttcagcnnn aattttcttt 360
actgtctagc atgatctgca tnaccnatan cnttgaacca cttttgttnc ctcatntttt 420
tattccacc accctttatc tgnaantaat ngtcctancn cttggggaac aacatgtncn 480
aattaaaaan gaagnaaccg aancaaggcc tgntntnggn gggganccnt ganncntant 540
cggtnccan tnncaacnta nactctgnta taaaaaaa aaaaaaaa naaagcgngg 600
agccnnnct ttntcgnngn tnccattttt aaaaaanang ggggggtttt tctggaaatt 660
tatccntcnn ngccnacaaa aaaaaacgnt tnttngnttc natatttggg canaaaaatcn 720
tttaaatg cgcnnntttt aaaaaaaa anggccaaac tattgccaan aaattaaaaa 780
gtccncccaa gtgggtntn accttgggag cttntttttt aaaaantttt naaaaaatgn 840
ggnacattt ttttataata naaaancnc agctntttca aaaaaaaa aaaacgncnt 900
tcnattttt tnggggggcn ttaancctaa aaaaancatt t 941

```

&lt;210&gt; 2210

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(786)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2210

```

cnattnnnna cgaggagcag ctggcccga ctctgnttnc tgaagccac ttccctggag 60
ctcttccgan ccaaggtgaa tgcgtcact tatggggagg tgctgcggct gcggcagact 120
gaacggctgc accaggagg cactctgct cccctatac tggagctgcg ggagaagctg 180
aagccagagc tcatgggct gatccgcagc agcgttgc cgcctctgtg aggggacgct 240

```

```

cttccgcaag atcagcagcc ggcggcgcca ggataagctg tgggttctgct gcctgtcccc 300
caaccacaag ctgctgcagt acggagacat ggaggagggc gccagcccgc ctacctgga 360
gagttctgccc gagcaactcc ctgtggccga catgagggca ctcttgacag gcaaggactg 420
ccccatgtcc gggagaaggc ctccgggaag cagaacaagg acctctatga atttggcctt 480
cttaatcact atnancctg gggaggaagg aagcgtacct tnaactttca tttgccccct 540
tcaaagcggg aattcntacc ttgttngaca ngantgggct tcaatggcct ttgcttnggg 600
cagtccccat tggggcangc gaagcaaaac nccggcttg accttggaag caaccttgct 660
tgancattgg aagaaccaag ctctcttct gcttgganct tngaanaacc ttgcccatte 720
cccgaanngg gcacccccct tgtgcccccc acccccac aaantttaan cttttgnttt 780
tgacnn 786

```

```

<210> 2211
<211> 766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

```

```

<400> 2211
gcngnannnn caaacagacc ttctgtttca tgaacagntn ntgttatatc tgctaaccce 60
tatctaggnt tncctccaac ggctatgccc accccancgg gacggcactt cattatgacg 120
atgtcccgtg catcaacggc tcgtgggaac cggaagacgg ctttctgct tcctgcagca 180
gaggcttggg agaagagggtg ctttatgata acgcaggcct gtacgataac ttgccgcctc 240
cgcacatctt tgcccgtctac tctctgctg acagaaaggc ctctaggctg tctgctgaca 300
agctgtcctc taaccattac aaataccctg cctccgctca gtctgtcact aatacctctt 360
ctgtggggag ggcgtctttc gggtcaact cgcaggtacg gcatcttctt ctgtaagatt 420
ctagaaccac cttcaagtca cattgctcca acagagtttt tgcaacttgt agtaaattggg 480
acncatcaaa ggcaaagcat aatgtgtttt tttttctca actagaatat aatttgcngc 540
cttgactacc caanggaact ggntgaagat atttctaacc aagctcatgg gtaaatctga 600
nccactgngg tttcctttgc ccaccatttg ggctctcttt cttggtcttg ggaaaattcc 660
cagtgnaaat tttgttgaat tattgtccaa cctaaaggca gaaaaagtta aaaaagaac 720
nggtnatnaa aactttccnc aaaattcttt gaaaaaaaaa aaaaan 766

```

```

<210> 2212
<211> 1410
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1410)
<223> n = A,T,C or G

```

```

<400> 2212
ganacnncnn angnnaccn tnngannnn nnntncnacc gcactnagna nangntgtng 60
nnaganggcg agggggnggt aggnctgca gnancnncnc ccccgcgcg tnggaaaccn 120
ttncacaaca caagggntna taganaagan ccnctagngt accccgcnag ngnaggggcn 180
gnananntag gggagggcnn ggcngnctnn nccnnaacgn ngntngaaa tccnaacctg 240
gngaaacngg agggaantga tgcagaaaaa ngnacgatan nnnccgggacg cnanccgggg 300
cnannaaacc gaaaaaatc agcccnang ggaaangagg gncnnnanga tnatgaaagg 360
gaaangggaa aggnggaaag gaanaatngg gnnaaaaang gctggggcan gnacgacaat 420
nagnanacg nggaaanng ccaaccngg tngccann ctcgncnaan gaagcagnca 480
gnaacggann ggcgatntc cggngggngn ngagangnnc tcnaacgann agaataangg 540

```

nagngggnggc	angnaaggtn	tgtgngnacn	catgcagata	tcgatataca	ganggagcgt	600
gancnncaac	acaagaganc	ncgaaaaana	nacnagagnc	gngnngnnta	aacgaggngn	660
nnnacgatna	cacgnatatg	nngacannng	gtncnncat	ganacannct	atgaaagacn	720
gacgatanga	angcgaacgg	ggtncanggc	gcgcggtaca	tgcnnnanan	nnagcncngg	780
gngcgantca	ccaantctga	tgcataacnn	tnngggccac	agnggncat	gtntanagta	840
acncacacac	agngngngcn	cnntanccac	gaagagccgt	annctcngg	agaanagggg	900
aanattacan	gacatatcng	anctgtacga	gganacnctg	annatcngag	agatgangct	960
ntgtggggag	aanccgtntg	accccgagg	tnngggaacg	acaccacaca	aaacgaggaa	1020
antcagtng	ggacangcgc	ctnnantana	anacgaaan	tnnnaaacga	aaagaanaa	1080
gngcnnnann	tgggnnnntc	atncnganaa	ganaaagang	cnantacaga	gangtncnnn	1140
ngatgccnc	agtnaagnan	actggcgnc	angggacaan	acaaagtaan	nnntgggaan	1200
aangncgcag	ctnnnnnaan	gaaatngnna	tcnnaatann	gganacntct	naagancgac	1260
nggggatncg	aaacagnacn	ngannaagnc	cngaaancna	nntngantgg	ngcanncgaa	1320
nnngnggngc	nacgcgngcg	gatnacgaac	aacaannacg	aanangnagc	gtgggcgna	1380
nggcaaaaac	cngnnagann	agnctcgtac				1410

&lt;210&gt; 2213

&lt;211&gt; 1170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1170)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2213

caggngggng	aggagnnnan	angnnnnnna	gngncgaggg	ggnaccacng	nggaaagggg	60
nnagagannn	acgcgcgcaa	canncagctt	ttttttntga	nanngnnngg	ngcgnaanaa	120
ccnaccnaga	gggaangaaa	agnncgcggg	ggggggnnat	aaanccntgc	gaggggaaac	180
gngngcaacn	ncnnaangga	naanaaattt	tgaggnaaaa	aaggagacgn	cnanngnnga	240
ancnncncgn	ggagatnata	gnccccnnc	nncaaagnag	gantngannn	ncnngaggcg	300
ggagacnnc	nnccgagacc	nnnaagcnag	gcgaannaan	ancnngancc	ccnccgnnccg	360
gcncacnnc	cncccccn	ngaancnana	ancaanncgn	cngnccnnga	agcggncncn	420
ncacgaganc	ngaccncatn	gnccccag	ccnncnncn	anagcgcna	cancnnncgn	480
ancacnccna	nnnggcnana	ntnanncngn	naggncncaa	acacgccacc	cnccccacgc	540
nanangcaan	ngcncacaaa	aacggcncnn	caccncncca	ncggtntcga	cnagancgan	600
ncngccaagn	nancacgnng	aagnccnaan	cnngnncgan	aacngcagag	acgaggaacg	660
agccacnccg	ngganagacn	gaccncgng	aacgangnan	agcggccgng	ncagaccacg	720
nanacgngcn	nnacgcanaa	gagttnacgc	agacacgnnn	acnccggnnc	ggggggcacg	780
ngagaggcac	cncanattgg	cngangacnc	acnggcanna	cgcnggcgan	acgnnccccn	840
ccgtgngagg	nncccnagnn	acccgagtn	accccccg	ngcaccacac	gggagcaccg	900
ccgcaanngn	annaancnac	gagnnnggag	ncaaaggang	ngcccgcgc	tnnntgacn	960
ncgncncgcn	gncacggnc	cnaactnngn	cgagaggatn	tatgcaccgn	anganncac	1020
cccgcncncc	atgncnngcn	ccacacnncn	nggagagcga	cacacgncng	agngngagcc	1080
cnccccagcg	anggacncnc	nnagagngag	ccccncacgn	ctnggaagca	gcacancaag	1140
gggggggagcc	cngagggggn	gntacacnng				1170

&lt;210&gt; 2214

&lt;211&gt; 753

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (753)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2214

tcaattnnnn	cgaggctctc	caagacctga	ttcagcnttt	cacacgggtg	tgccactggt	60
cccaggggtn	nccggcccca	tctcctcagg	gcagtgggtg	gggaagactc	accactaccc	120
ctaaaatggg	aagagaccag	ggttccaaag	tgacccccag	tgggggcttc	acacgccagg	180
gagtacatga	gatgatttct	gtggtcctcg	atacacagct	tttcattttg	agagacacaa	240
ttatttgagt	atctagtaat	tcaagcctgg	gattcaaaga	tatcatttaa	gatgaaactg	300
aatattttct	ttctgggtta	gatgaattaa	tgagggacgg	gtgcagtggc	tcacacctgt	360
attcccagca	ctttgggagg	ccgaggcagg	aagattgctt	tgagcttaag	agtttgagac	420
tagcctgggc	cacatggcaa	aacaaaaaat	acaaaaatta	gctggcgtgg	tcgtgcgcgc	480
ctgtngtccc	cacttattcn	ggaggcttgt	antgggagaa	ttgctggaga	ctgaaaaatc	540
caagcttgca	agtgaacttg	tngtcacgcc	actgcactnc	agtatgggtg	acaganccga	600
gacccttgct	tnaaaaaaa	aaaaaacctn	tttatgttta	ttttgnaca	aaacatgact	660
ttgagccctg	ttcaggcntc	aaccttaaat	taagtaaaaa	acnaattttt	taaaaatttt	720
aaaaaaaaaa	aaaaaaactc	ganctntaaa	ctn			753

&lt;210&gt; 2215

&lt;211&gt; 806

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (806)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2215

ccgagtcnnn	ncgagccaag	acctccacgg	ccttgtnntt	agaaatctcc	acaaagtgac	60
agtgaatgat	ngagggggag	ttctcagagt	cattacagct	ggggagggtg	cattgcctca	120
tgaattcttg	gaagggtgtg	agggagttgc	aggtgggttt	atatatacta	ttcaggaagg	180
tgatgctctc	ttacacaacc	ttcattctcg	ccctcaaaga	cttattgata	atataaggaa	240
tctccatgag	gaagatgcct	tactgaagga	ggaaagcanc	atctatgatg	atattgtttt	300
tgtggatggt	gtcgacactt	atcgtaatgt	tcctgcaaaa	ttattgaact	tctatagatg	360
gactgtggaa	acaacgagct	tcaattttgt	gctgaagaca	gatgatgact	gttacataga	420
cctcgaagct	gtatttaata	ggattgtcca	aaagaatctg	gatgggccta	atttttgggtg	480
gggaaatttc	agactgaatt	nggcagttga	ccgaaccgga	aagtggcagg	agttcgnagt	540
acccgacccc	cgcttaccct	gccctttgcc	tgtnngtcna	ggatatgtna	tcctccaang	600
gncatcntcc	aagttggctg	gccaagccaa	acntcngggg	gaggtttaaa	aanacntat	660
ccacgggtcg	naanaatggt	aancantggg	gcccntcttt	gnattggcct	cgcctttaan	720
gaacccttaa	caagantacc	cnancgncaa	ggtcttgtng	gcttggngtt	gaaaaaacna	780
cctgtttnaa	nancagngca	attgcn				806

&lt;210&gt; 2216

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2216

tnatnctttc	nnctctngtc	ttnttgacng	annnnntnnn	ntcgaattcn	nnncgagatt	60
gcctcccagc	ttgggagcat	ccaaagtaga	accatgactg	ggtcatgaaa	tggtttaatt	120



```

tggtttcttt cattacaggg caaagttctc cctgtggact gagaaataaa catattataa 180
aagttacata tgctcataga atagaaatca aagagtaaaa agtattgagt gtaaaaaaca 240
agtgtctttt ttccccccag tctaactccc cagaagtaac cttttttatt ttttatgtta 300
ttttttctta ccttcaagga aggagaaaag taaccatttt tgagttagat cgtatccttc 360
gcctgagagc tatctttgta atcatccttt ttgggttcctt ttccattttt tgctttcttt 420
ctgtcgtagc tgctgtgtaa tatagagaaa aaaaagtatt ttttcagctc tctcactcaa 480
ttacaattac acagaaaggt ttctgtgaca cattttgtggg agtttctccc cacacagcaa 540
acaggcagtc aattctggag agaggtcacc angtggtgtg cctctaacc aattcaattn 600
caacattgtg gtactcggag atagtgtcag atcccacang ttganggctc tgcccacaag 660
actggccccc aacttgccca ccaattgcag ctccaagctg gtttacctgg gcnttttggg 720
ccaaccgata taaatggggg tccccacccc ttcnttnggt caaatnaatt gccggaaccg 780
gctcacaaa 789

```

&lt;210&gt; 2217

&lt;211&gt; 881

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(881)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2217

```

gncntttgaa nccctttcaa ctactgttc tttttgcagg atcccatcga ttccgnntta 60
tggnacgcgn tgctctttcg cagntncncn tgntnattec actcattggt ganacggatt 120
ccccaanacat tancattant ctctatttgg ctctgatact aanctggntn tgttgntnag 180
agataatcct nnactatact aaattctacg tgattatata ttccacctct anttccata 240
tttatgngct ganantteet tatccatata tgggctnatt ttttttttcc ctctncttct 300
tttctacctt tggggnttta aaaagtact taaggactnn nncnctntc ttacgatgtg 360
aatnccagnt cttttggcaa ggcntgaggn agngagggga tatgcnnгаа ccnctgtnt 420
ttcaaagggc ttgcncttna cgcttatnga cgggttgccc cccttgaaaa aanncccaaa 480
atnttggggc caaggaaaaa atggangaac cccctgacct nggggantnt tnggggggga 540
agaaaanttt tnttttncca aatggttnt gggnanaatt attccctatt tggcccccaa 600
gacaatnggn ggggcttcac canccnnggc ttagccccc aagccctctn tgtgcccnng 660
ccccnnggc tgggntngc aatcnaccta tnnnggncca accaatntn tanggacccc 720
tcncttgggn caaccaattg gcnaaaaacc ccnatntnc ttatccttaa aaaatttcca 780
aaaagggttg ccccgggga atnattggat annctntcc ccgntnaana acnccaactt 840
ncttgggtga aacnctncca anaccgggn nanaaaaaac a 881

```

&lt;210&gt; 2218

&lt;211&gt; 794

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(794)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2218

```

ngagnannnn aaagctgtgt ccttaatgac agcaaanttt tagcaattcc tttgtcctag 60
agacatnnat tcattctaaa gaaaagccca cgatgcttca gtggattgaa ctggtgacga 120
aacagtttaa taatagtcag gcagcttggt agtgggtttt agatcgtatg gctgatgacg 180
actggtggcc aatgcagatn ctaattaant gccctaata aatcgtgaga canatgttcc 240
agcgtttgng tatccatgtg attcagaggc tgagacctgt gcatgcttat ctctatttgc 300

```

```

agccaggaat gnaanatggg tcagatgatt ggataccnca ntagaanata ttggcggncn 360
ttcatgtgtc actcgccttg cgagancctt gtancaatta tggaaccatg gcgtaaaacc 420
tcacagtcaa catcttnaca nagtattttc gccttccttt acnaantttg caaaaanggg 480
gtnaaagaag agagccaant ttttgctcnc attgcaagct atatctacaa tggcacattt 540
tnacatgggg aacaaaaagg gccctggaaa atcctcaagn tgaantgtta tcntgaggaa 600
gaaagngan caaananaga aggangaac aaagaatttt ctcttcncct gggcaganca 660
aaaaattacn tggccnanc tgnnccttg taaaaganga ataangttct ncctnggctn 720
ctttccgntt tgaaccaccc tcgnatccag aaaanggccn aaatgttttc cnannctcca 780
aantgtctca nacg 794

```

&lt;210&gt; 2219

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2219

```

cctcaccocg aanntcntnt atnggcccat natatccttn antntccna ctccaatate 60
caannnctg tcaaggatca catactacat ttggttcttt attatagact ttttaaatat 120
cgngtatac catngtgatt ctatccgtct cctttaataa agaggagaac cagaaaaatg 180
aaaggncata agaggaatga gggttgaga ataggtgaaa aaaggcatca taatgtttat 240
aataatgttt gcctgttcag agaaacaaga atcacagata aagtcactta tatgtagatn 300
agagaatgct gnattacttt ttgctattct attcactgat catttttcta agaactctgt 360
ntgcttcttg ttttaactct atgtcagcat gtatgagaaa actganttaa anagatgtta 420
agtaactcat tcctgcttta ctgaaattg gtccgatgag ggacataaac ctgcccgggt 480
gtgattttag atgctttttt taaccattg ngtngnattg gcctatattt ctaagctnat 540
tcatggctnc tgagaagcaa atcatngtcc taccatgac tttagaaaag tnanaataaa 600
gatgttgggc aanaaanaccc tttttatttn ggggttcntt ttngaaggag cagantaact 660
ttggttccctn gcattccctt ggggtanctn gnggcggggc gtcctntttt aaatccntca 720
aaaangaaac tggtaaccc cttcaanccc 750

```

&lt;210&gt; 2220

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (757)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2220

```

ccccnnncna atcgccnaag gttggaacaa accntgttca ctggagaggc ctgtgcagta 60
gagtgtagac cctttcatgt actgtactgt acacctgata ctgtaaacat actgtaataa 120
taatgtctca catggaaaca gaaaacgctg ggtcagcagc aagctgtagt ttttaaaaat 180
gttttttagt aaacgttgag gagaaaaaaa aaaggctttt ccccaaaagt atcatgtgtg 240
aacctacaac accctgacct ctttctctcc tccttgattg tatgaataac cctganatca 300
cctnttaaaa ctggttttaa ccttttagctg cagcggctac gctgccacgt gtgtatata 360
atgacgttgt acattgcaca tacccttgga tccccacagt ttggtcctcc tcccagctac 420
ccctttatag tatgacgagt taacaagttg gtgacctgcc aaagcgagac acagctatnt 480
aatctcttgc canatategc ccctcttggt gcgatgctgt acaggtctnt gtaaaaagtc 540
cttgctgtcn naagcagccc natcaactta tagtttattt tttttctggg tttttggtt 600

```

```

ngtttttggtt ttctttttcta aancgagggg gggaaaaaag ttcttanggt tcaaattgga      660
aagtttntga tgaaanaaaa cccattggag aatttttttc caggggaaaa aaancctggc      720
atattttggg ttttcnnca aatgngannc cttaaan      757

```

```

<210> 2221
<211> 847
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(847)
<223> n = A,T,C or G

```

```

<400> 2221
tttaanccct ttnaactnct ngnncttttt gcangatccn tnnnnccgat nnnnnnnnca      60
gtacgacccat gaaatcacag ggcttttggg tgtctgtagg tcttctcctg gtgaaaagtg      120
ttcaggtgga aacttggana ctccctgggac gtgaaactgg gagccttagg tgggaataacc      180
caggaagtca ccctgcagcc aggcgaatac atcacaaaag tctttgtcgc cttccaagct      240
ttcctccggg gtatgggtcat gtacaccagc aaggaccgct atttctatct tgggaagctt      300
gatggccaga tctcctctgc ctaccccagc caagaggggc aggtgctggt gggcatctat      360
ggccagtatc aactccttgg catcaagagc attggctttg aatggaatta tccactagag      420
gagccgacca ctgagccacc agttaatctc acatactcaa gcaaaactcac ccgtgggtcg      480
ctaggggtggg gtatggggcc catccgagct gaggccatct gtgtggtggt ggtctgatgt      540
actggactaa ctgagtcctg acgcttaatc tgaatccacc aataaataaa gcttctgcaa      600
gaaaaaaaaa aaaaaaaaaa actcgaacct tntacaacta tagtgaagtc ctatttacct      660
tanatcccag ancattgaat aaagaatata ttgnttnaac tttngggacc aaaccccnca      720
accttanaaa tgccatggaa aaaaaaatgc ctttattttg ntgaaaaatt tngcganngc      780
ctttttgntt ttnatttggg aaccatttn taaacctgna aataaaaaaca aggttaaaca      840
acnaacn      847

```

```

<210> 2222
<211> 803
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(803)
<223> n = A,T,C or G

```

```

<400> 2222
ccnccgnatcg attcggcacg agatnangtc acaaattnat gatattgncc tgggngannn      60
tntacttgt ntccnaaga cncataagct nctacaagac tttttnaatg gnnnanaant      120
gantnatagc ntcnncctga tgaatctgtt gcttatgggt cagatggnga ngcngncatc      180
tngtctgnag acaannttgn nantgntnaa aannngctga tcttgntgn nantcctctn      240
tcncttgntn ttgaaantgn tggnggagtc attantgcct cannnngcgt nataccaaca      300
ttcctancaa tgcccacaca gacnntcact acctattctg acaaccagnc tngcgtgctt      360
attcaggttt atgaaagnga acgtcccnt gacaaaanat aacaatctgn ttgncatctn      420
tcaaactcca caggcntaac tgccnnccgc cccaangtgg ttcnctcagg attgtnagtc      480
ccctttttga cgtntggaag ccnccngggg gtnccctnca agngccctcg ggctnngggg      540
gaacaaaaaa ttttccngng aacaaaaaag naccaaagga tttcccaatt cacnttaaaa      600
gaanaaaaag ggcgcgtttn nnnccaangg gaaaaacctt ttntgaccgt aatttgcccc      660
gangaaacnt tgaaaaacct tnanagcctt annnatggnt naaccggng ggaacnnggg      720
gggtaatgcn aanaatttan tttgaancnn ttttgccctt ttgaccggga aaaancnctn      780
ttnggagaaa tnnngnaaacc tnn      803

```

<210> 2223  
 <211> 1001  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1001)  
 <223> n = A,T,C or G

<400> 2223  
 aaanaaaagtt gttcgantta acganatann tgtngncagt gtntgttggc cgattaatat 60  
 ncatnattga nagnntgcat tgtacnntgt gttntcatat gancattnta ttatgtaacg 120  
 ctgtngtngt gatcncatct tatatatana tcantttata gaaggggggg ggggagcnat 180  
 gaatatacng tagagntgac ggtnacatat tgtatgatnt antnncatta nagnagnat 240  
 nanattnttn tatattgtan ncangataag gtntcataaa tatagttttag tnacgnactc 300  
 tattncngaa tttnaantnt nnttactgng ttangtannt gaactcaaac gtccnaataa 360  
 ttatttnaat tnggtcanna cnnannatna gggtaatgnc tatttgaann tcaaacantc 420  
 ctaaangggg ggcgngantg ngngntntaa cnangncngn tttnagaatt tatngcatnn 480  
 antnanttan naattngtta tgnctttana tnnantaaat ggncaganan ttccnnatan 540  
 aantggtttn naannnncnc ngncatctnc nttaannan nnanancnt actatnttan 600  
 natnnccttn anggtaacnn tanacnnnaa nagnanangt ttgnganntt annacatctg 660  
 ntngggaaaa tatgcgtatn nannccatgn gantntctna gcncnnatna tatannannn 720  
 angatnanta tgggggtgcn tatatncncn tganttnna tanactatnt nttgtgtcnn 780  
 gctcngaggt gacaannata tntncatntc tcanacnaaa gtatnttggn acacncntca 840  
 ttgtntaagn tccaacacng gagagagnag ganagnagat tttctatant anaaatactn 900  
 cacatnttat anagtngngg gaggtgtgtt ttattttnt gtgngagaaa aannaatcat 960  
 tntctatgcc ataatgannt ctntntggga gannaaagag t 1001

<210> 2224  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 2224  
 taccncngnt cgaattcggc acgaggttac tcagactata tttgcttaat tgaattaaac 60  
 acagttgect atgcccttgg aaattctgga ctttcaacag agggcctcta gcccaatatt 120  
 tgcttaccac actggacatc attgatgac tggattcagg caggggtctgg aaaaagagag 180  
 actgggccaa attaaaataa tccattcact gatgacaaa aactaaacta caattgtttg 240  
 gcaccctctc ttctccttat cttgcaaaat caaattaaagc actagtggaa agaaacagtt 300  
 cagagaggaa tatgggaaag ggaaaaaaa ccaaaatgtg atttccaacy agactagaga 360  
 tttgttcttt atctacatgg tcatgttact catttgatag catctatctc aggggtatta 420  
 tgttatctct tggccaggac ttatgaaagt taanatttgc attgatagga aaagttttgc 480  
 agaaatatgg actcttgaga ggggtggagg tatataaaag cagcanagca atttgcattt 540  
 cttatacacc ctgcttgaga ctgatgtcat tagtggtggg tagggcccaag gcttgggggg 600  
 angctactca naatagtngg gtgacccaat tacccecanac cttttggaaa aaggaaatga 660  
 ctttgattgg aanaagccca ttcctttnaa atgnatctta ctgctcaaatt ttccccatt 720  
 ggccttttgg aaaaaatgcc ccc 743

<210> 2225  
 <211> 1411

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1411)  
 <223> n = A,T,C or G

<400> 2225  
 annnnnnctg cnncccntnt tgantnngac tangataatn ntaaaanggn naccnnacgc 60  
 tntctattatt taatannacg aacnecgncc nggacnctaa tgatatactn nnttctntgt 120  
 anntgaaaan gacatgtatn tccncnangg anngtgggtg aagtgtctcc ccccnctct 180  
 tgnatatnct cnnangactt aatntataag tnatatgnac actcncnca ntnttttaaat 240  
 gnanagtntg ngggggngng gantattgtt tatacaaacg ccnnanctgt cnetcnannc 300  
 nataacgntn cnantatnna tncnacntgt ntatnttttc cncncatgta agntnatatc 360  
 attnncgtg cantnnanac atnctctncc ctgtttcaac tnnctctncc ntanccgnnt 420  
 ttagnnnntn gtntntgtga ncnacnngn nctatatanaa ttntncncca ccacnnnant 480  
 gatnnanttt gttnnntnag tgtnggccta tcnttcggna tnttacatat aaanannnta 540  
 tctcnnngnc gggacatnnc gncnttctg gntangnaga tnnnggtnt ntgnttgagt 600  
 annatggnt gnnnnntgga ntcnnggtt tantngcngt anannntaac tnacnttcan 660  
 tgnagattat anttcgctaa nanntntccn tancagtaga cgtcncctg gttgatacan 720  
 agtactacg cgcncntca atgncntctg ctacacnca acttatgtat gtgtatanac 780  
 gacnatntan cgcgtacat ttnggcangt ncnagngnn tagtgccct ccnatntga 840  
 gncacacncc ctgtttgnta natccagnc ntctatatnt gttatatngg ncagcngnga 900  
 tangtnatat nctnnnanca cccatcatnt antgatancg cagcgtcmt gnggtatatn 960  
 gtactatncc canatntnct ttgattntcn cactgtctat gatgatnctc ttntattgtt 1020  
 tttgtntan ncnegntent atagtcgtnn tntggagant tgntnngtgn atnanntnn 1080  
 cgcngnanan aatataatn gatgaaaccc nacaganaca ncnatgtgtt aacntntngg 1140  
 tgagnnnggt nttnagtgtt gtntcgcaen tgggtntgcg acgcnagnt gcnntccgag 1200  
 agttatggta gttntaanna tatagntatn tgccgagnga nagagtnatg atantggngt 1260  
 cncatnnatc attntctgat acntntgntg tgntaccnca cnagttcgt tgtntnnang 1320  
 cgagtatacn tntactccga nacagntat ntntggcna tanntgatan acnnnnnctc 1380  
 gcgtntnttt atacatnctc tntgnnanag a 1411

<210> 2226  
 <211> 783  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(783)  
 <223> n = A,T,C or G

<400> 2226  
 nctnnntnaa aatcccccac naccctgatt naaagtanga ccttcccata ngggcgctt 60  
 tgtgtgctaa aggcaganca ggcaggcttc nccactccta tctcctnccn aggccaccac 120  
 catcacatnt ataggaggaa caagancact gggggaaactc tggagtatga gtaaggaaat 180  
 gcttctnacc ttntctgntc caaagagata tctgttanat cagggaacna gtcnctagg 240  
 tcaggcactt cctcctgacc agtgcaacgg gcactccagg ttanaaactg ngtgtgctcc 300  
 ctctctgtca gttacttgtc taagggctcc tatacgtggc catcaanctc tctggncntg 360  
 agttctgttt gngcttatng cagcagcatc tttacaacaa acaggntcag taatcaacnt 420  
 gggaagggaa aaagacnaca gtcaatntta cccctgtan agccgggang cntttacacc 480  
 tgnaatggcc ttcttaactg atttctngcc gggccctca ccccatcca anntctgaan 540  
 cttgaacaaa tccccacggc accagaagag gnngtctnnc tttgcaanct cccaanccct 600  
 tggacnaaaa aaanaaaanc tggaagcgtg gagannggct tttacggcan ccnnngtnng 660

```

ncccnegnnc caaacttgggt tcnggncatt tatttttagg ntttccccca aatanntcnc      720
ttggagaatc cactntggan tttttncctt anntttctnt naaanaaaaa acccagggtc      780
cct                                                                    783

```

```

<210> 2227
<211> 829
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (829)
<223> n = A,T,C or G

```

```

<400> 2227
atgmnntnnn ttcgttnttc ctccacagtt tatgngtana nanattaata tttacntccc      60
atacatnaat gtntctatat gngtatgatg ngatccgata accnttatan tgtateccatc      120
ctcacancgc gatntanntn ttatnanggt cncnacgaa catgctncat agnnntatgt      180
ntataancnt tctnngtgat nagtggatng nctanggcnc ntgnachanc gggnggggnag      240
ttttttgtat cnganataaa tatgcgacgt tcnntatatg tangntaac atttgtgaac      300
gtanancntn taanacncta tngantctcn nnncnatggn nncananntn ntaaccnatn      360
accctttctn tttegnacat gtnnncgcat nntttntnn acctatnatn gnnanngaat      420
gnatgatntn ntnttncnnt nttnnngttt tcananaetc anttatnca tngccnanna      480
ctcatntcnn tgtaaccnct attnnctcc nnantanncn tntctgatnc gagtnnnnnc      540
nntttnnntn gtttctggcc anncanncnn tnnnnntga tanncgnnan ncccacgatg      600
nntnaagnta annnaataaa ancngctgcc tnttgntatt tntggaanan ttncnntnt      660
ngnncnaatt gangnnnnnn agancgcgnn nnnagatnan tgcatttacc nttnccttna      720
natannannt tnnncannna nttgnnctga nntgtgnnaa anatgctnan acannncna      780
tttacannnc tatnttacna cntannaann nanganacac nnnntnaan      829

```

```

<210> 2228
<211> 1341
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1341)
<223> n = A,T,C or G

```

```

<400> 2228
ntnncnnan antttncnn annccentat tntntntga gncctnnctn ttnnncnatc      60
nnacagttgn cnnantctna nagntnttnc naattcntnn tctgctntan tgggggggggn      120
nngngtanat aataattnta attngtaatn tttnatnttg nnacnncngn cnaagggttnc      180
netcatntgt nnggtntnt nngatntgnt nntcanncc tttgtcatan ngtgactgcg      240
gggtgtncan tncnctcgn tnatctggnt ntttnannac tctngntngc tttgtnatte      300
tgntatgcan cntaggantn aggagtnacn tttntcnang tagatagntt ttnacntngt      360
catnnnnagt ngnccttatn gatgtnttan atcgctentc tnanagnaan cctctnctg      420
aanagcttta tgcactnctc ttnanatntc ngntatttna aatcttgnt nantcncnan      480
gatcatgact ntcacgcgaa antatatgtc catactcata taanagatgt gtgacgtgcg      540
atnatactcc ntcgcgtgat gtttanccac nacananaet ancncagct ntattnagcn      600
natatataag tagtatcanc catantatnn tgtttatntc natatnacna ataantanc      660
tntggaacn tnnngccaa atnnctntga tgnacncc atgtaatatg tctnntnctn      720
nttcnnnacg tctttttata nnagttgncn ttncgantan tgtgnnncta tnnacgnncg      780
anatatnnnc natgagntan cgtntntnta cgcacataca cnnnnanaat agagtcacnc      840
tgcnnntaca cntnngnta cggatcctat nngcgagann ncangnttan gannncgttn      900

```

```

tncnnnttcg tnnntaacnt attgtangna gcnntccatn nangatgata cancnttgta      960
tnannngnnt cgagtgtnnn tcntacatcn agacgtntnt nanttagncn tctcnatntn      1020
gtacgncgcc gtntnattgn gacctctcna tctnngagnn ngctctccnc cgtagnnnat      1080
antatntana tttgcgtaca taatcttgnn tactgntcta ncgennnttg accatatctt      1140
nngannatga gatgtgnnac nntgttaacg acncgacgcn cntannagag nttgtnatna      1200
tagtanatng nttagtnnan anantatnna tgtaganact ncncaccnc catanatagt      1260
anatacgctc annattgtgt catcgtagca gaaatganag angttttttn nagacgatna      1320
nagtactcgg angnantgng g                                           1341

```

```

<210> 2229
<211> 727
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

```

```

<400> 2229
accncgntcg antcggcacg agggcgactg gtatccgggg actgtgactt gcaggggtccg      60
ccatggagcc agagcagatg ctggaggagc aaacgcaggt tgcagaaaaat cctcactctg      120
agtagcgtct cacagacaac gttgagagaa tagtagaaaa tgagaagatt aatgcagaaa      180
agtcatacaa gcagaaggta gatctccagt ctttgccaac tcgtgcctac ctggatcaga      240
cagttgtgcc tatcttatta cagggacttg ctgtgcttgc aaaggaaaagc ttgcagtcag      300
atcaagaaac tgaatactgc cagcatctca gaagccatcc atgtgacccc ttcaagtcac      360
tattctttct gggaccacca aatcccattg aatttctagc atcttatctt ttaaaaaaca      420
aggcacagtt tgaagatcga aactgactta atgggaagaa cagaaaaaatt tagttgttac      480
tgtagattta catgattaag aggcagcttt aattgccatg atcattccct ctttttggtat      540
gtataagaac cttccggaca acagaaccta tttctggaat tgcagaagat aacatatctc      600
ccttatcttg atttaatcac cataaaccat acctatttaa tgagtgtatt cttgngcaat      660
ttttcttcca aaatggcttt actttggttt taaaatgacc ttcaaaaataa ctgncnaaac      720
ancattt                                           727

```

```

<210> 2230
<211> 825
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

```

```

<400> 2230
accncgancg aatcggcacg aggcataacct tacacacttg ncctgtgcct ttgttgctgt      60
atccctatgt aaataccttc tccaccttcc cattccttca tggatgactt cccagacctt      120
cccactcatc ttttgaatgt gtttattgct gacttggcaa tgcataaaaa tctttttttt      180
tttnggccnc aggtnttacn gntttacagg gggaatcccc cangaaancg taaaactntt      240
tgcaacttat gncacacctg ttnttcaagg gcaaggatna ttngcggcta tagttttnan      300
gccnnctaaa gtcccttttna nggtcatatn catagcanaa nncncnggga taataattat      360
tnaaaaanga ctananannng ncaaagtngn encaggaaat tccnaaacnc tttataaaaa      420
aactggaaaa ataaangttg gngannacct atnnaaccnc ttttaaggnc cgagtaattt      480
tttttttctn ccggnntccc ccttccatgg ncttntnaaa ggaaccnngn gaaaaaggna      540
nccctccnt tntnatttaa antaaaaaat tctttccctt ttggaaaaat tttaaacttt      600
nnatttcngg ggaangggna aggaaaaaaa aaaattttga aaanntgtcn anggtttnac      660

```

```

ccntccctt ngggananca agattttttt cctttttttt gggaggggtt ttttanantt 720
taaccnnggg gcctnctaa anggacatng gggaaancan acannggggtt ttccttgncc 780
aaaaaaaanc cntnncnttt tttaaanttt cgggggngg canaa 825

```

```

<210> 2231
<211> 736
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(736)
<223> n = A,T,C or G

```

```

<400> 2231
nccccncccg attcgacga nctcantctc ttgacctcat gatccaccg ccttggcctc 60
ccaaagtgcct gngattacag gcatgagcca ctgtgcccان cccctccctt ccttggtttt 120
gtaaaaataaa gtcagagaaa cttttccnnn tatagtcaac taatacacat tgatttgaag 180
gagtnnaaac tgagggaggt tacataaaat aacttctctg tgaagtatta gtganatgat 240
cangcctggg gtgggagctn gaagagagga gtggataaag cagtcaaggt caaacaggag 300
tgagacagng agcaggactg aaggcacang tgaaggtgaa gctgctcatg tnntttttct 360
cccacagcaa cacgcatgta tatagctttg aagcangaac agaaaaaaa tagattactt 420
aggttgatcc acctgaacta agcaggatatt gnggncattc attgnggaga agcactncag 480
tganagaggt gagtanatat ggtgagctaa cccangagtc anagcntatg tgannctcgg 540
agagaactga acagntcana ggtcgggttc cngaaacnna ggaaanccgc aaggnaagct 600
gggagagcgg tcncatggna tttacnctac ncagggaagc naannnaanc agggccaggc 660
tangctnagt gggantcttc ttccacggtc catgncctgn nccatnttaa nggagntgca 720
angttcatta cgacga 736

```

```

<210> 2232
<211> 731
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(731)
<223> n = A,T,C or G

```

```

<400> 2232
accncgcntc gaattcggca cgagtgaact gggagaaggg gagaaagttt gtgaagagga 60
gatcgggtgac ctgggctcct tatgtgcctg aaagagtatt agtttccctg taactccaaa 120
tcaacagtat tttcaacaag aaatgtgcaa ttgaaatcaa gtgctgttta agtcagacta 180
ggatttccac aggaagacac ttgcagtga cagagttatg gagcagcaa aacacagatc 240
tatttgaaa aagagaaaac atatgcgttg tattttgctt caattatnaa ataccatcct 300
ctcaaagggt gttctaaatt acaaaggact ttgatttcta ggtagattct gggtagagac 360
ttcctttcat attgaggtcat taatgacacc ttttaacctg ggaagcaata tgactggagt 420
tgtactttga gaagattaat caggtttggn tgcagaatga aagagaagat gaagtcaaga 480
gattggttta gaggtctctag cagaagctta gtontatttc aaaatgatca aatatcaaga 540
aaaattctga gctgcataac ttgtataaag taattttcag tgattttttt catgggtatg 600
ataaaagaac tggattagca gaaactttta ccctgaatca agatttaatt tttcttttga 660
cctcattnta aggatatcng gacatnggga gcnaaccgat gngngnctg cctcagngct 720
tgattttanc t 731

```

```

<210> 2233
<211> 840

```



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(840)  
<223> n = A,T,C or G

<400> 2233  
 ttganccttt caactccngn nnttttgcan gannnnnnnn nnaggagtcg nnncgagggg 60  
 aaaagggtgga gaccatcatt gtggaatctt gtatttttcta ttaagggttn tttantccta 120  
 caaacttgaa cataaatttt taatatttgg gaaggaacat tcactgaaga attgataata 180  
 nactaaaaaa tatagctgtt atcaattaat acatgatctg tccttgaaca catattcacc 240  
 attatgtaaa cctcacatta ttccagctta tttattccac agataccaat agacatgttt 300  
 tcacattgta gcatctccca aatcaaaaata cttctaaaaa ttggtagtat gtcggccggg 360  
 cgcagtggct cagcctgta atcccagcac tttgggaggc caagggtggg ggatcacctg 420  
 agggcaggag ttcgagacta gcccggttaa catggtgaaa ccccatctct actaaaaata 480  
 aaaaattanc tgggcatagt ggcaggcatc ttgtaatccc agctncttgg gaggctgagg 540  
 cagganagtc cncctgaacc cagnagggtg gagtttgcn gtgancccaa gatcatgcca 600  
 ggcattccaa ccttggggtg acaaagaagc naaaactntc aatctnnaaa aacctnanan 660  
 anctttcnnt nctnncnnnn aaaaaacnnc gaancccttn caaaaactta taggngannc 720  
 nncanttcnc cgttanaacc ccnnctnga ctaagaattc cnnctgnttg gantttnggn 780  
 accancccc nnccttgaan cgcnggcga aaaaaaactg cttttttcgg gnannntttn 840

<210> 2234  
<211> 728  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(728)  
<223> n = A,T,C or G

<400> 2234  
 acctcgattc gaagaaaang angaaacaca agaaagagaa gaagaagaaa gacaaagagc 60  
 acaggcgggc agctgaggcc acctcctctc ccacatctcc tgagaggccc aggcaccacc 120  
 accatgactc cgactccaac tccccctgct gtaagaggag gaagcgggga cacagtgggg 180  
 acaggaggag cccgtctcgc aggtggcatg acagaggctc tgaggcctga tggctggacc 240  
 ctgctcactg ctgttggtgg accctgaacc ctcccttcac cttgcttgcc tcctgcctcg 300  
 gaagctcctt ggggtgtggg gaagcccag gctgctcctg tggaagtggc tctgggcacc 360  
 agcctgtggg gctaaagact tgacagctag cctgggagca gccggcttcc tggaaaacct 420  
 ccaggtttcg cataccaggg atggcccctg gcttggcctg cgaagggtgaa cctgccagat 480  
 ttatcaagta gaggtggac tcctctgtg tcctgcccac ggttgcagca gccatggggc 540  
 tatgagcggg ctaactgtgg ccaagtatgg tgacctctat ttttctttat attgactctt 600  
 tgnatttcaa taaatatatt ttaaaaanga anaaanntec atcnaacccc cncncccc 660  
 ccncntca aanntttngg gggccttntt ccnnaaccc nnncttataa aannccnttt 720  
 nancntca 728

<210> 2235  
<211> 733  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature

&lt;222&gt; (1)...(733)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2235

```

accctcgnct ggtcctcctc gtgggcctcc caaatgctgg gattacaggc gtgggctccc      60
gtgaccagcc tggaaactgc tgatgagcct ctttttctcc tgaaaccccg gtgggaacag      120
atggtggatg cttccaaaag catcgaagct gtccatgagg acatccgcgt gctctctgag      180
gacgccatcc gcaactgccac agagaagccg ctggggggagc tatggaagtg acccaaggct      240
gcccactgga gacgcctctc cctgcagtcc cccgagaggt gggagactcg cggaaggccc      300
cgtccccagc ggagtccaga ccccacaact tcaggagctc tttcccgga gcagagatct      360
gcaggctgcc tcttctgccc cggagctggg gtgcactggg gacccccgtg gtggggacct      420
tggcagtgtg gacatgagca gagcgatgga gcagtctcct gccctctccc ctgtcctgat      480
ggcactctgt tgtattttct tactgaagtt cagtgataac tctgagcagt ttcattgtga      540
tcactgtaaa tggtaatcag ttggaattct cctaaatgtc ttccagacac tagtaaaaaa      600
aganctgaaa aaaaaaaaaa aaaaacctcg gncctttaaa aactntaggg ngtccttttc      660
cnaaacceca cncctgaaaa anncccnttn gtgagtttgg gncnccccn accnttaaaa      720
acnnnccnnn nca

```

733

&lt;210&gt; 2236

&lt;211&gt; 823

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(823)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2236

```

ntttttgggg ggtggttggga tacattagaa attactgctn ganaaaaaang gtcctngagt      60
gggttttttag gannaanccg tannctnanc gtgntncata tttncnngng ccctacacca      120
ncnctagtgg nattgtcact tcateccgnt ggatatcana acgtgttcag gaacactgaa      180
gttcatnaga gaaattcaca anctctacga anncaacngtn atttcttttt cctgggctgn      240
ggntggactg tggatgacac cactttccag gcccttttct tggaggcngn caagcntaaa      300
tctgacctan aacatttcat gctggttcgg agaggagacg tanatgagtt caaaaaagct      360
ttgagaaaac atgctggata aggggattaa agtcactctn tatggagatg actattgccc      420
gatcnttcan aatantttca agccgactga ccatgtgaga tntccacaag ggngcacntt      480
atnggatggc gngagaaaang tcaantttaa tggtttatcc ngctngcaca cnngtgaaat      540
naagaagnct gttntacant gaanccacc taaaannaaa tttnnnancc gnnntantanc      600
cangtntgnt aagggtcnta ttacnngaaa tgtgtcttan acaaagnaana cnttaccnng      660
aaccnancn ncnatttccc caaaaaaggt gaanccaaat tnnctcccaa ggtttttaan      720
gggcnngnng tnccaaaaaa agggngggaa anngtntgca anangttant ncccttcnat      780
tnacncntn gggttcnttn gaanattncc gggcncntn gnn

```

823

&lt;210&gt; 2237

&lt;211&gt; 729

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(729)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2237

```

cncccanct anctcntggt gggcttcaaa tttactttct cccctctgcc agtgcgtcta      60

```

```

atggaacaaa cagtaaatct gtagtggctc agataccacc agcaacttct aatggatcct      120
cttccaaaaa cacaacttgg cctacgtcag taacagccac caaggggaagt ttggttggct      180
tagtggatta tccagatgat gaagagggaag atgaagaaga agaatcgctc cccaggaaaa      240
gacctcgtct tggctcataa aatatttatt agggggaccct caacatgtgg tcttacaatg      300
ctgcaactgt tcagtgaagt gaaaatctga atcagaaaagc tttctcaatt gaacttataa      360
aatatacaag gagtagcaaa agacagnata tcagctaaga gagtttagtt ctaataaaaa      420
tcaggcttcc cagggaacttg attgcttgct agtaattaag gggtttgcct tttaggctgt      480
caaaacaaac attagtaacc agaacctggg agatagcttc ttcagcaagg aaaagtcaca      540
gggttgggga cggtttacgg gaggggaaaa ggttgatata ataatgccag gttgctnctc      600
gggtgtcgat ctagaaacaa ttttacagaa cttcagttgt aactcaataa ccttacttgn      660
ataatngggg ctggccatgt tgtggtttaa tcagtggctc tttttaaag aaattttttt      720
ggnaaacnt                                     729

```

```

<210> 2238
<211> 1200
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1200)
<223> n = A,T,C or G

```

```

<400> 2238
aaggggaagag gnnnnnggggn nnnanagncn ggnancgcaa gagaaaaana aaaaanagn      60
gaaacgncna cncaaaaana aaatgntggt cgnggcnaaa ncacccanac gcnnnnacag      120
nnaccanaca aangngccca cgaggccgcy gnggtttntt acgnacncc cgnnaaancn      180
cccaccnngc ggcngcgnc ngngncnacg naannnaaga gaaangggcc gagaggaacc      240
ggtanggcna cnaccnaana agnacaggga aaagnnggca cacnactccn naccnggaaa      300
nannangcaa nagngcncng acgnncnnac aanncaactc agngaagcaa ncnagncccc      360
gngacancan aanaccnagc ntncngagac anancgggaa ncaacggacn ccnancnaac      420
caacaantga ctagacangn naaaaccna ngnnngacnc cgacnatcng gnagcgcggy      480
atggcnnaca nngaagtacc gccancaaaa atgganncct nacnngggcc nggacgcaag      540
caggcgggaa ngnttgngat ananannnan acannngcng gnagggcaaa agggcgcnna      600
tggaanaacc ngangcccag acanaccngc annaccaggg tcgnncnana catnacggcc      660
anaacncnca cggcggcacg cnaaaaacga nagnancna cngcnngggg agcacganca      720
gnctnnanga nacngtgang aanncaccac accacnacct naganncagc ntancaggna      780
agancananc ccccnncga anagnccaag gncacnncnc gncacaaca ggcnegcggn      840
gcancngngn anngangcca aacganctnc ccncacnac cganaccgcg cggtnnagga      900
nnanacnenn atncgcaggc aanaaaanat aanngcanac cnccccgant nnnngnact      960
nncncncnaa acanncgcn cnccgagtcg ncgtanagt ataacgcgn naggaagcnn      1020
acagacngac atngtangcc accccggnnn cntgactang cagacgaccc nccnacnnac      1080
gcgcnnnnga tatnccgcc nngcaaact ccaacacccn nccctncan cagcgcngtg      1140
gnnncgcccc accanaagac cgnncnccc annnanccn ncgcgaaaca cgagnggngn      1200

```

```

<210> 2239
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

<400> 2239

```

ttaccncgnt	cctcagcagg	gagaaaagga	ggcagtgggc	acagccgtgg	actatggcta	60
cttcagattc	ttccaggacc	ggaggattgc	ccgctgcccc	ttccacacgc	tgatgccagc	120
agagcgcgag	acgttcctgg	cgcggaagcg	gctcctggag	tacatgggct	tgagctacg	180
gcaggctgtc	tttgccaagg	agagccagt	ggacccacg	tggtgtacc	tgtagaagag	240
agaattccct	tcttcaagtt	ctgctaccag	tgtggccgct	ccatcggggt	ccgcctcttg	300
ccctgccttc	gctgctacgg	gatcctgacc	tgtagcaagt	actgcaagac	caaggcctgg	360
accgagtccc	acaagaagga	ctgcggggac	ctggtggcca	tcgtgacaca	actggagcaa	420
gtttccagga	ggagagaaga	attccagtga	agcagcagct	gcacgtccga	ggcttgggga	480
ggaccaggac	tgtgtgggtt	tcttacctgc	ctgaccacct	naaggaatct	tccacctaat	540
gcaagctttt	ttgcancctt	tggggtcatg	ctttttanca	agnntctccc	ttgcgaacct	600
nccnataaaa	tttgccccca	ccggggngga	tttttataaa	aaaaaaaaaa	aaaaaaactn	660
cnncccttta	aaantntn	gngggccttt	tcccccnatt	ccccnccctt	taaaanaanc	720
actnntgnnn	gnttn					735

&lt;210&gt; 2240

&lt;211&gt; 738

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (738)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2240

cacctcgntc	gaatcggccg	aggtttagaa	actgattcta	gacatttaag	ttcccagact	60
aatgtcacag	aagctaata	attgcagagg	ttaattggaa	gcctggctct	aacactccca	120
ggttatctta	atgagttcat	gaggatggca	tatggataat	gcacttcaaa	gggtgttgta	180
agtattaact	aagttaatac	aggtaaata	catatattag	cactcaatgc	acggccattg	240
atcaataaat	gctagtgggt	ctgatcagtg	agaatctaac	ctctgcttaa	atacctttag	300
tcatcagcag	cttccactcc	ctgagtaaca	tgttgcatct	cttgatcaat	tatatcttta	360
cagaattctt	cctttactga	agttgaaatc	gtctccttga	aatttctact	tggtatggcc	420
tctctgtttg	ctacacaaat	aaatttaata	ctaattttat	ctanccttatt	ttccaagcat	480
aaccacacca	atttcattaa	atgattcctc	atggtggcat	gacttaaaact	ccggtcacca	540
tcctatttgn	ttttcncaaa	gagcttccag	ttngactgct	nctgtgaaaa	tgccatcta	600
ttaatggaaa	tggntttttc	taaaattttac	aagancttcc	ccgttgtatt	gnggtacaag	660
ggttaaaaaa	agttttctgg	agaattcctt	tgactctntt	ttncocaaag	ttntttgngg	720
ggnccctttc	cttttctc					738

&lt;210&gt; 2241

&lt;211&gt; 721

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (721)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2241

caccncgttc	gantcggccg	aggatttcag	taagtaccaa	ctatgggtgct	aacgtgagtt	60
cgatacga	aaagctgaga	ttcatctata	tccatttttag	aggaaagaag	tgctatgacc	120
tttccaaact	ttcatttctc	tatcccaaag	tctcatctaa	acagatttta	ctactttatg	180
atctatgttt	aaagtccttg	ggataaaaag	aacaaaccca	agaatgagga	gtcttacttc	240
tacactttta	tgatttctta	tattggcatt	agacataaac	atgtctgaga	ggctgtctgg	300
tccaactgtc	tctggtcact	tcgatcttcc	aactgccaac	tcccaggcca	tgggatcact	360

```

tcctcctcta aattctacct actttttata ccattcaact ggaaatttac cccacacaag 420
atTTTTggca tccctcagat attgttatat aactggaaaa gggcaggaaa tgtggattat 480
aattttttgc aataccggga gtggcatata tggagctttg caccattgct gataattgat 540
acacatctga ttaattgtata aattaaccaa acagtactga ctctcaagtt ttcagaagtg 600
tangagtctc taaatgggtc tgaagatacc atagatgaaa ctttcattna cactgccaat 660
cgaaaaaaa aagccattgc caacataatc caatttttcc tcaaaagatt ttggnaattt 720
n 721

```

```

<210> 2242
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(743)
<223> n = A,T,C or G

```

```

<400> 2242
nccnccganc gnntacgtga ngnatnactt actgtggaat tgcattncaa actgggctga 60
gggtgggatgg tgggtggtaga taagaggcca gctctttatt tcaagccaat acatgttgca 120
ggctatggac acaaattcat atgaacctgt tagaatgcan aatagcccca tgttaaactg 180
taaacacctt atcntcatca ccattcatat aaattagttg atttcatatt ttgcgtntgc 240
tttgtgaatg agaaaaacctg atacttagca tcactctccc taaatacagt cctgaccaan 300
caaataacag aaaagccttc tacagtanat atttgtttt ttagaatnta tcattnacnt 360
ntttaattta atgctncaan atagatnata cacgtccnca aatttgaang ncnaaacaaat 420
gtaaaanggt atatgcagag aagtcttatt cttacccatg ttggtaaatt atatatgnn 480
gacccacctt accccaccca ggtaactata tttattagtt ntcatttatt ccttccngcg 540
gtttgtttat tgccaaaattt tanntaaaag atnaatttnt ttgntcataa tntctgnctt 600
tttctttant agaaaggngag tatactattt acntcgggtc gcnnnttttt ntctggtgnc 660
gnnggtttnt tgggttttgn cttttgnccc tttggagnaa gggantcttg gttttgtctt 720
tcagcctgga ctgccatggc ccc 743

```

```

<210> 2243
<211> 773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(773)
<223> n = A,T,C or G

```

```

<400> 2243
accnccgctc gantcgcacg anggatgctg agatgatagt ccttttgacc aggatgtctc 60
aagtatccaa gccananaat catctcttct aggtctgaatc aagatggttt gcataagaga 120
ccatgcagat gcacgtctct gctatcttac attaaaaatg cagaatggct cacctgccct 180
ttgtgtgcat atgttatata gaaaaaccta tttgcatgag aactgtcacc cacagttttg 240
ggtaggggtc gtgtgtgcca ctgagcagga acgccgaggg ccataacctg tctaattgat 300
taaattctca ggaatcgga ttaaaagtta accagccagc atcctttgct ataaggttga 360
atggcgcaaa aggcaagatt gatgcaaagg tgacacagccc ctctggagcc gtggaggagt 420
gccacgtgtc tgagctggag ccaggtganc aggaagcctg ctgggggggtc ccagcaccag 480
cacttttcag canaatgttc ctgtaaatgt gtgtcccaag gggagggtcg atcaatttca 540
ttactggcag tgaagccttc gnaattccct tttntgggtg ccanaatatt ngttattnaa 600
attaanggtt ttnaaaacat ntgccccagg ggataagggg anaaaccctt tttatgcctt 660
anggaaaaaa aaaggcccaa ttcccttctt ttcctttttt taaaacaaaa tggcnttggg 720

```

ctttgggtcc anctggccct ttaacccttg anaaggntcn aagncntnca nna 773

<210> 2244  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2244  
 accncgntcg aattcggcac gaggtgggt gcatgtgcta ccacacccaa ttatgaatth 60  
 catcattagt ttcttagtag agtccacatg tcctcagtag taagttcatc agtgctaaat 120  
 atttgaaggt atttctactg ttttgtaaaa gtaacttaag cctacctggg ctgctatctt 180  
 ttgagtattt atactttcta cgggcttgta ggtaaacata aaaagagaaa aaatatccca 240  
 ataatacagt ttttaacctt ttatgataaa gacatgctta gaattgctgt taagccttct 300  
 gagatttaac cactgaaact aagtaaaaga caaagcactt aggtaaagct tcattcagta 360  
 tccattcacc caatactggg ttgattctag ggcctaggaa aataggactg agcaaaagccc 420  
 ttgtccagat ggaacttatg ttttagaggg gaaaacaaac cataaaaagg taaacagtat 480  
 aaaatcagga aaggataaat gtatatgaag aatcaaaatg aggacngtga tgggggataa 540  
 gaagggaang tttttgagga gagcagagca atgatgtaaa agccagacac acagataggg 600  
 gaatagcttt cctactaang ggatgggaaa taaaagctga gntttggctt gaggcctcca 660  
 acattganaa ttgctanaac tntgggaaca aggntanagn ggaaanattt tagccaagnt 720  
 cn 722

<210> 2245  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2245  
 accncgntcg aattcggcac gaggtggag ggaggcagcc ggcatggcat ggtgaggaag 60  
 ggccatggaa gaggacagaa cctgtccacg gagtcaatgc tgaggaagga agacggagga 120  
 tgaggccagt cagggttttc gtggtggcag tgccttatgt ttttatcgaa gtgtatattc 180  
 acacagaaaa gcacatctcc caggatcctg agagagcttg aaccagacca ctgtggacac 240  
 ggtggccacc cgtcaccact acccttccca aggggagacg aggagcaagt aggcctgagg 300  
 gaaaagctgc acaggactcg tgtctgaaa tgtctaagac gcatgtcaga aatgcaggta 360  
 agggggggtg cgggtgctcg cacctgtgat ccagcactt tgggaggctg aggcaggagg 420  
 atcacttgag ccaggaggtt caagactggc ctggacaata taacgaggcc tcactcttat 480  
 aaaaaaatt aaaaattagc tgtgccccag gtgtgttggc tcacacctgt aatcctggca 540  
 ctttgggagg ccaangcagg tggatcacct gaggtcanga attcaagaac agccttgccc 600  
 aacatngaag aaactgcatt ttctactaaa aaataccaaa antagaccgg gcgttggtgg 660  
 tgcatgccct gtaatncaa cttcctaagg gaatcttgag gcaggganaa atcactttgg 720  
 aaccnngna ggccggnagg tttcnc 746

<210> 2246  
 <211> 844  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(844)  
 <223> n = A,T,C or G

<400> 2246

accnecgntcg aattcggcac gagagggact tcgttgtaat gggttttgct gtaagtctaa	60
tggcaagatc accattagca aatggaatt acatttgaaa gccattagc ctctagaact	120
atagtgaatc gtattacgta gatccagaca tgataagata cattgatgag tttggacaaa	180
ccacaactng aatagtctgc ctcacnaagc cgcttttctg gcnactancn cgccgcncgc	240
cnangnnagn ntcccatnt nccccnngt ncccacattt ccctgaatta anngcnattt	300
ncttatncag aattgcactt nnagnagcan nngganccnc nggcgtctnn ccngctacnt	360
ngtggannnc tgcncctctc cnaaacccggg ctttaccncc ccngggcccc ccttcccttt	420
tctcntttac cngnnntccc ccnnccttga tngnancccc ttggtacntc nccaagntgt	480
tggencenna ccaattggn cccncanngt cgcaccnntn ncncnngcan tttttgaccc	540
acttctatt nnaacccccc gttccctttn tngncccccg cgananancc ccgctnnng	600
ggncattctt ccccanggtt ggccnanna aaccccnntn gcccnntcg gcentggntn	660
cgcggtctaa ctntntcnn naatanntcc cctnttngg ncancttgcc aancncctc	720
tccnttgcc nggttcatt tncnctcgg nnnnnatctc ccanacattt ggcnnncntt	780
ctcngaana gctctncaca ctctctacc gcctttaatc ncctanncaa cnnnagcccc	840
tnnt	844

<210> 2247  
 <211> 750  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(750)  
 <223> n = A,T,C or G

<400> 2247

accnncgntc gantcggcac gaggtccatt cttataaagg gaacttctag caaacctgcc	60
cagccctttt cctggaggga aacattatct gtattatcct aaagagcaaa caaatctgct	120
cttggttcca aatagagaca ctttatcttt caagacaatg cctatgcaaa tatcttagaa	180
aagatagtct aggagaaaca agctgccaca agaactgcaa aaatgcaaac agcctataaa	240
gaattgtctc ccaacatatt gatcttttat attattctct ttatgcggtg tcataaaaag	300
ttgagagact gcaatcctgc acctgaaatc ctcatttccc ttcttttcag tgttctttat	360
ctgatttttc aaaattcata tactatttgt acagtttcta ttgaacctca cctgaattcc	420
agttttatct actatgttaa atgattcatt caacagctat ttactgagta tatattgaag	480
agatagctga actcccatgt ttgttgacgc acaggctcat atagccaaga tttggaagca	540
acctatgtgt ctatcagcag atgaatggat aaaaaaatg ttgtacatat acacacaaag	600
gtacgattca gtggatcaaa atgaaatgga gatcttgta tttgcaacca acataagaat	660
gggaatggga agtcattatg ttaagngaa ataagccngg cccagaaaag gacaaaccat	720
tggcattaat tcttcncttt attcatnggg	750

<210> 2248  
 <211> 1400  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1400)  
 <223> n = A,T,C or G

&lt;400&gt; 2248

nnaaaaaaaa	aancegnntt	gaatcgncna	aaaattaatg	gtttggnant	ngnagangan	60
taanngaatt	tacattttta	atcgatatgt	ttganatggt	ttaanngggc	gggggaagna	120
tatngnntaa	ttggaggatc	ccnaccaaac	actnttcgng	atgtaagggg	ngttgagaaa	180
atactantga	natggntanc	tataacgaaa	catacattca	tcccncctat	ctgttgtnan	240
tatagtaaca	tgnanatata	atangggggg	gggggggggg	agttntctnt	ntnntcgann	300
ctnaataggt	tcgtacgntt	ntagtggtnt	ccatatacnt	gcanaanatna	tcnttngtga	360
nntatgtncg	ngnaccatat	aagtnacatn	tcnntcacga	ntattattng	agngtccncn	420
nattacntan	gcgcnnnnac	cnngnncnnt	agtaaatacna	nacacannng	cgtgcncnan	480
ngtnannnaa	atgtagnnnc	gtgtgaantn	ncgccnanga	aannaggnnn	nantannnnt	540
atnnananan	nnannngtat	tgatgngatg	attannattt	antcnaantn	cacgnnnatt	600
ntntangnnn	ncnnntgung	ttncatnnnn	cccaccncng	ntgannnnaa	gnnngnacat	660
ngccnatgtn	ntttcnangt	ngangataat	natngcntnc	ncnnaattan	nngntgacnn	720
cnannccnac	ctgtttncnc	cgaagtgncc	annnatatnn	accncnnttt	tatacancat	780
ngcccnnnnt	tgcccnagta	tnanantatn	canntgntgn	ggatgngngg	annatgccnn	840
tnnttaggcn	nttatnnntn	ntnaantnt	atncggnaa	cnnacgcatn	tnatatncn	900
angtncnctn	nnatatgnaa	taagantgnc	atntngtatc	ntgnctaaa	tatacgacca	960
gcantntttg	tctntntcac	tnacatntat	catagacgat	gnntntnaa	tatnggcntc	1020
tatgantatn	ncnggcnnnn	catatatatt	attgatcgcg	ntccnctac	nnagatatct	1080
atcgcgagnt	caccagtgtc	tncnngaana	ttacatgcnc	ncgncntcgt	ntannagttt	1140
atcgctntat	gtgagncgtn	cgaacctcncg	tgcnatntan	nganagancg	ntagtctnan	1200
tatgtagtca	nagtatatat	cgtcgagnta	ggagcggaat	atatgtanan	anacgctntn	1260
tataggaann	tcggtatncn	ncntnanatn	tcnacaacnn	acaantntct	aangnatatt	1320
ctttcatgat	aatctngaag	cgtaatttat	nntannannng	nacancacta	aatgatanta	1380
ngatnaannn	cgtaccnagn					1400

&lt;210&gt; 2249

&lt;211&gt; 1045

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1045)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2249

gggggggggt	gntanacgan	acgagcaagt	cnctaattnt	tttttnaccn	nntnantatt	60
atcacnntnc	cnttgnntaa	gaaaatntan	tantcaaacn	ttttcntcan	cancgggtta	120
tagccntctt	tatnnggggt	nntcttnttg	caccnataaa	acangctttt	ttgtccanta	180
antttttttt	gtgngcnc	ttacngcggn	ctgtnttggn	ccccanttan	angnccccnc	240
cggggtatnn	attatnanan	tantncnttt	ttttngaana	tcnctatnn	gnnaaagaga	300
aagncntnat	tatctannan	angngcnggg	ganaacaaan	nggatgcnan	attttgnnct	360
tnatttggtt	tnngnngcnc	tannntcggn	naaagtgggc	ccgcnaaac	aagntatcan	420
aatgccccgg	gaacctnnn	tangtnntnt	tnaaaagan	aatnngtccc	ncccgaaaa	480
anaatacana	ntttgtgect	gagagggnta	aattaaaccn	ctcatcnttt	catacttaan	540
caaanatant	attcnntaa	tnntntgcng	ccgggcnnnt	ntataaatna	nttttcacnc	600
acanactggt	gcggggcgca	acaacannng	ggnanccac	tcnttattna	atcgntccat	660
ggganttggt	naaaantttt	anttgcgnaa	cataataaaa	agtgncata	taatganncg	720
ctantgatag	aatccggcgc	gntttcaata	ntatatggtt	gccgatgttn	cnaaaanata	780
tnagagaagna	tnacnaggn	gtgggcccn	naaaaggggt	nttanannna	tantctgttn	840
cacnnatat	nttcnccctg	gannaaaatt	attcnaatng	gcatacnc	gtttatacnc	900
cactgggggt	naaaagaaaa	atanttgacg	ntngtanng	gccaaaaacn	agagnntntt	960
tnngggggg	gggaangtgg	gcataanaa	acnaattttt	ttcttttggt	ctnnacccaa	1020
anatacnggg	gggtnttaaa	nnnat				1045



<210> 2250  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 2250  
 accnncgntc gantcggcac gagatcatgc tgctagtgtt cccgctacta gtgctccggt 60  
 agtttttaaat catgttccaa cttgaatttg aggtcttttg actttcgttg gctttttgtc 120  
 agggaaaaaa acctgttagg gacagggttt cacaattcct tttatatattc cattcacatg 180  
 tatttacaac cgtgtgcctg gagtagtaag tacacaataa gtgagtttcc agctgttttt 240  
 gtttcggaaa caaaaaaac aaaacaaaac aaaacaaaaa aacaacggaa ggtgaatgga 300  
 attgtgtttg taacattaaa ctgatgtttg aaaagtagtt gggaaaaaaa gcttaggtac 360  
 taaggagggt tcatccaact tttttttaa cgaaggacgt gttgccttag ttcaagttg 420  
 tataagggtc tatttaatat gtattgaaga cttactaga gcttacttat gaaaactgaa 480  
 aatagggggc ggggtgcgtt acgcctgtga tccagcattt taggaggttg aggcgggttg 540  
 atcacaaggt caggagttcg agaccagcct gtccaatatg gtgaaaccag gtctctactg 600  
 aaaatccaaa aattaaacgg gcgtaatggc angcgctgt aattccact taatcnggga 660  
 ngctgangca acaanaaatc gctttgaacc cnggaggcan aaggttncat gggcccnatt 720  
 ttggcccttg canna 735

<210> 2251  
 <211> 1047  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1047)  
 <223> n = A,T,C or G

<400> 2251  
 tttttttttn gaattntggn gnggntctnt aatnccccng gcgtnnncgg cnagnnaact 60  
 tgtataccan cnnnttttnc ntctntatg tncgtntntt gtngaance tgcantattgc 120  
 tngggggtna cttnttnant aaataaacnc ctttaccatg gatttccntn atantnnntt 180  
 tngngtcana ttagcnnatt cncncnnaen cctntttann tcneggtcnn gtattnttan 240  
 antnnngtng gnggngttaa aaataaatg acgggntttt ntcentantt annngtantg 300  
 tanngngccg tgnancntt ntttatcnna ntttgntncn tttttatanc ccnnttctcn 360  
 natgnagnat attggccanc gaaatttaan cctctnttta tntancnnc nttnttatat 420  
 aaattggnnt ttttataatn ntttanaagt nancntngng gtttatatnt ntgttanaaa 480  
 ngnggnnttt natnttaann caacggcttg ttencgnngn ggttnagcnc caanttnann 540  
 nttcnnttn gtatatntan nntatatttg ttnannccca cctgcacct tttatacnca 600  
 tcnntttata gnntgcnnat atanggctat tagagcacgt nnatntagtt tnttncnnc 660  
 canccattnt tntcccgctn gtnttgnnnc tnaccgcntn atgtntncc cntcattant 720  
 antnccnnt cnttgatatt ngntnnnat tnattttant cgtggcncna ttgttactnt 780  
 gtngggntaa naanaggntc tntntgggtt ggatanttaa agncaggcac aaatgnataa 840  
 nttntnggnn tgtgnaattt atnttttcng gggggcttta tngntcttn gattntgcgt 900  
 nccccctttn ntnaaacccg nggggggngg aaaaaaactt nttagnntn caangtnann 960  
 aantntctng gnaacnaaaa gnaaattngg naaatttttt tngngnntaa aaactggcaa 1020  
 tttnggnatt tnnannantg aggtan 1047

<210> 2252

<211> 719  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (719)  
 <223> n = A,T,C or G

<400> 2252

acctcgntcg	ttttagtcca	gtggcttgta	attaagtcac	ttttagtctt	taattatggt	60
gggtgctttt	agaattctct	tttagagttg	gtctacatcc	ttttaaaaca	tgggcaatcc	120
aaatttataa	cagtaaatta	agatacataa	aaaaaaacac	tggctaaatt	taaaaggaaa	180
cacttctaga	atatactgta	ttttgacaca	agaccagact	gtgctatgtg	tatgtgggtg	240
ttcaagtaat	ttaagaaaac	tggtggaatt	ttctgtattt	ccagtttcac	aagaacaac	300
ctcaaggagg	gcagtttaac	tgaaaattca	gaggatattat	agctctgaag	aaaaatactg	360
atgagcagtt	atacaaaatg	agaaattgag	ttctaagaaa	tgcatcccta	acttcaacat	420
aaagatagct	atgagaaaac	attctttgtc	ccaaccataa	atgaataaaa	atcacctcat	480
ttctcatcag	atgtttactg	ggttgctagt	tatatataga	atcctgcaag	aagctcaaca	540
gggaagtcca	aagagtcaat	caagaaggta	tgataatggc	taaagatggg	gactgnangt	600
caatgctcca	cgaagtcttc	ttttgtgccc	aatatagctg	cactgggtatc	ccatatgggt	660
acaatccagc	ctcanaaaat	gtgcagatgc	cctcccagaa	gntgagaccc	agttctcat	719

<210> 2253  
 <211> 738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (738)  
 <223> n = A,T,C or G

<400> 2253

cnaccncgnt	cgccttttag	taacacaaag	ttccaagtat	gttacctagt	ttacagagtg	60
gtactcaaga	agagaattaa	cattcttact	gtaaaacttc	attgataaca	atagtctact	120
tctagaaaca	gaaataagaa	ttaaaaacag	tgctatctat	ttgtactggg	gagtgaattt	180
taacttttaa	gaaaatttta	atgtttaaga	agaacttcag	tgtatggagt	tacaagctat	240
cctgaatatt	tttataatag	aaagtattag	ttttcccagt	gtggcagctt	cttaataaaa	300
gaaattattc	ccttaaattt	gttctttctc	taattagagc	agtgtaaagt	accatgcaga	360
agtttcaggj	tctcatacaa	ccaagtaa	agggttttta	tccccctacc	cagaagggtcc	420
catgtagata	atgaaagatt	gtatttgcc	ttctgtgaaa	attgctttta	gcccacaaa	480
tgcntaccct	gctttttaat	cttaacagcc	tccacttata	ttttaaaaac	ccattccttt	540
ctttctttcc	ttcttttttc	tgagagaca	ggcttgctct	gtgggcccaa	ctngagtgc	600
ntggnggcc	tnaacactna	ctgggnagct	cnanctngtn	ggngttaagt	ggatccttcc	660
gaccctcagc	cnctngagt	anctggggac	tacnaggngg	ggcnanaaat	gcaacctggg	720
gttgggtngg	tttggtta					738

<210> 2254  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (752)

<223> n = A,T,C or G

<400> 2254

gacctcgntc	tccgccccac	ctgggtgaacg	ggccccggcca	ccaccaccat	ccactctgct	60
gcgccacacat	aacccacctg	gcccagtagc	catggcccct	cgaccccgag	ttcggggcca	120
gccttctgga	cccagccagc	cccacgtgtg	tggcttctgt	gggaaggagt	ttccccggag	180
ctcagatctg	gtcaaacaca	ggcgtacaca	cacgggggag	aagccatata	agtgtgcaga	240
gtgtggcaag	ggttttgggtg	acagtctctgc	ccgcatcaag	caccagcgtg	ggcacctggt	300
cctgacgccc	tttgggatatg	gggatggtag	ggcaaggccc	ctcaagcagg	aggcagcaac	360
aggactggaa	tgacgcggtc	cagggagggc	ggaggcccag	gagaccaaag	ggaggggctc	420
tgccgcttag	cagagaagaa	agggcctggg	aggtggtggg	aggganaaag	aaaggaanaa	480
nggggaggaa	gaatanatan	aaatanggat	tggagacagt	aaccctttaa	agctcaagaa	540
acttgcctt	gcttgggctt	gagttaagga	ccttngcaag	gaccggcntt	taccccttgg	600
cttcttnaaa	nactnnctaa	ccacacaatn	aggcatttca	attactttgt	tgaataaaat	660
aaaacttggc	ttttccccctt	ncnnacaaan	annttntctc	tncnntncnc	ccnccnnnnn	720
ccccannctc	cccccccttn	aaaaanttta	na			752

<210> 2255

<211> 1369

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1369)

<223> n = A,T,C or G

<400> 2255

atTTTTTTTcn	ctnataaaat	cgagtgnaat	acttgtnaan	cctttatant	nantttatcn	60
nctgacgncc	gcgccttgcg	tatatatttn	tgatgatgag	atggacttga	ttggagntgc	120
atgtatanct	nctctctntc	attantnttn	ancacacanc	ggtgtgtgta	nttnnnntgn	180
gnatctntgn	tntngggngg	gggggnaatt	gtntttanca	gtaatanann	tnttagttgt	240
cnntcacact	tagngtgacg	antatatnt	atntatanna	cagcnntnt	tgnncnactt	300
angcncann	ncantnngnt	gncccnann	nagttnttan	tacatcacca	ccataangcg	360
gntnannnaa	natnccnctg	ngcancntnt	attacnntag	tnantgccc	ngtncnntat	420
nannnacnnt	atcggtgnnn	nttaanncn	gttttatata	cntcnctanc	natgtngnnn	480
tatgngtacn	ncncattnnn	ngnncettann	ggaaantnnn	tntataacag	tgnccngcnt	540
nnnnncnnnt	ntgaacatat	anntngngct	atatancncc	cnntcnnnna	tnntgtngn	600
tgtancannn	antanatnt	aatacgacnc	tcanacgaac	ngnagtggag	anaagctang	660
anannnngta	nttgatataca	nnentannan	tgangactna	tttnactagn	atnattnnct	720
nnncttatct	nntganatnt	ccncacnctg	nantaattan	caaacnctgn	ntgtgnanca	780
ntnngatnt	gnagaggnt	ncgncngtn	aacnanncna	tatncccccc	tnnttnanta	840
ccnntgcgtt	ngagngtngt	tngttncacn	accnccgatt	ntganacgng	nggactgatt	900
agtggngaca	cacanagagn	atanntntct	nngcantaca	aancgcgtta	atntctcacg	960
ncgncnaacn	cgtgatcgag	tgtnacgant	agaccgtntg	tgctnaancg	agtngatgct	1020
ggntnactca	tangtntntc	ngatgacatn	ttgtgcnaaa	tgaggttgag	ccatatgtaa	1080
natntaacca	cgcccnatg	ggtaaaagga	atngnnntnt	cnncggngta	ggattgnact	1140
cgccatcgaa	gntatntgac	atcgtgtntg	tnacnanatn	ntcatcngat	attagacgct	1200
nnatcancgn	gnggaaacgn	ngacnanann	acgaanaana	tnccccctn	gagtatngnc	1260
cgtaaaagacg	tatatntgac	cgnacntnan	gggnagcatt	tgtatacann	tncccccn	1320
acacatangg	cgctntgtat	tatanntagc	tntanacnng	taatagcgg		1369

<210> 2256

<211> 908

<212> DNA

<213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(908)  
 <223> n = A,T,C or G

<400> 2256

nctaatacctt	tgnaactnct	tggtcttttt	gcaggatccc	tnnnnnncaa	tnnnnnntn	60
tgagccatgc	gagcagctcg	tttttttggg	gaaagaactg	taacagaact	gatttttcng	120
caccagaacc	ctcagcagtt	gtctgccaat	ctatgggccg	ctgacagggc	tcgaggatgc	180
cagtttttag	ggccagctat	gcaagaagag	gcctngaagc	tggtgttact	ggcattagaa	240
natggntctg	ccctcncaag	gaaagntctg	gtactnttng	ttgtgcanag	actagaacca	300
agatttncct	caggcatcaa	aaacaagtat	tggnccatgt	gtgcaaccac	tgtatcganc	360
ttctttgttt	taaggttacc	aaaaanagat	gaanactctt	ccctaattgc	gctgaaggag	420
gaatttcnga	gttaatgang	cattacgcan	agaacatgat	gccccaaattg	ttcatattgg	480
ccatgngaag	cngggactcc	cgtattttca	ccctgaacag	cgggtccttc	tcntttggta	540
tgggggacnt	tgnnctcata	aaatcacaca	atngccgctt	ttatcattgc	ataaanggtg	600
tgtgaaaatt	tagaagaagn	cnngaagggt	cctatcattc	ggcntggtna	cnattcgaaa	660
gaagtaatta	ananatattt	cntanaagna	agttcttatt	accnccaaaa	nccagctcgg	720
gaagaanttc	cctnatgntt	tttttaaaaa	tgncnannaa	cttctnttat	tnaaatataa	780
tcccnntant	ctccctctt	taatttttnc	tacccttggc	caaaaaatta	aaanggggnt	840
ggccaacngg	ggggaaccca	nnntnntnan	acaaaanac	nnnttnattc	ctccacccct	900
tttaaaaa						908

<210> 2257  
 <211> 757  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(757)  
 <223> n = A,T,C or G

<400> 2257

ttanncnnnn	ctnngctngc	tgctgcagg	ncgactntnn	angatnnnnn	nnnnccgagc	60
tcgaattcgc	cctatagtga	gtcgtattac	aattcactgg	cccgtcggtt	tacaacgctc	120
tgactgggaa	aacctggcg	ttacccaact	taatcgctt	gcagcacatc	cccctttcgc	180
cagctggcgt	aatagcgag	aggcccgac	cgatcgccct	tcccaacagt	tgcgcagcct	240
gaatggcgaa	tggacgcgcc	ctgtagcggc	gcattaagcg	cggcgggtgt	gggtggttacg	300
cgcagcgtga	ccgctacact	tgccagcgcc	ctagcgcccg	ctcctttcgc	tttcttccct	360
tcctttctcg	ccacgttcgc	cggctttccc	cgtcaagctc	taaatcgggg	gctcccttta	420
gggttccgat	ttaatgcttt	acggcacctc	gaccccaaaa	aacttgatta	gggtgatggt	480
cacgtagtgg	gccatcgctt	gatagacggg	tttcgccttt	gacgttggag	tccacgttct	540
ttaatagtgg	actcttggc	caaactggaa	caacactcaa	cctatctcgg	ctattctttt	600
gatttataag	ggattttgcc	ganttcggct	attggttaaa	aatgactgat	taacaaaatt	660
aacgcgaatt	tacaaatatn	acgcttataa	ttctgatgc	ggatttctcc	taccattgnc	720
ggatttacac	ggantgggca	ctctaataca	attgntn			757

<210> 2258  
 <211> 794  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(794)

<223> n = A,T,C or G

<400> 2258

```

ctgatnctat cagctcttgt tctttttgca ngannnnntnn nntcgccctn nnaaactgaa      60
gaaaattcta aacgaaatgg caaaaagaaa attcattttt ttctctctgc tctgaagaac      120
ccttggtata acgtgtttat agcatctttg gtagatggag agagatcttt tatgacaaaag      180
agtgtgatac aattttttta atgcatatag ggcattgttc ttcctagagc atattttacat      240
aaattatctc atttggaaaa cacaacaacc ttatacttgt gtctgcattc gcttgtgcat      300
tttaaaggtc ggaagaaatt gaatcttttc aagagtcttt ctgagaagtc agtaactttc      360
agaatacatg tcttaccttt aaagatgatg ttacggatgg taacgtgtga ggcttcattg      420
tgaaatttta ttgtgataaa ccagtttaat ttccttcagc atctctttca gggctacctg      480
aaagagccat gagtaggctc ttgatctgat gcagtgtaca gtttttaata caagggttat      540
atcaataatc cagcatatgt ttaatgaata aatctatggt ccaactggtg ggacacctgg      600
ctctgtgtgg tcattttatt tagactttac cagcccgta gaaaattcat gtctatgtct      660
caggacaaga tgtgtaatca aaggtaggaa cctgtgctga gaataagaat acnagggtcta      720
aaaatgttta tttttgaatg gaagagaaga atccaaatgt aatttggatg ggccnaggca      780
ccgngggctc ncan

```

<210> 2259

<211> 1048

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1048)

<223> n = A,T,C or G

<400> 2259

```

cgttgatcct ttcaagctcn ngttcttttt gcaggateccc tegattcccc ctaccgaacn      60
ggaaaaaaat ctnaaccnna nggggcatan aaaaancnnn tttttnnncn ncgngctggn      120
aaancccntg ggntaaccgn gtntatccnt ntngggngnn gggaaanana cttttggcca      180
ananggggga ccantttttt natgncntnt ngggcntggt cctccctaaa cntntttccn      240
taattnatct cnttnggaaa ccncaccacc cttntcctgg ggtcngcatc ccctggncca      300
tttnaagggc cggaagaaa attgganncn nnnnacncag cctttctggn naagtcnngt      360
aaccttttca agaaatccat ggtcttancc tttaaaagga atgaatgggt tncnggatgg      420
gnnaaccggg ggtggaaggg cctttcattt nggggaaaaa atttaaaatt tggnggaatn      480
aaaaaccccg ggtttttnaaa attttncccc tttcangcca nttcttcttt ttccaagggy      540
ggcccttanc cccttgggaa aaaagggaag gccccccttg gganggttta gggggccctt      600
cctttggggn aanccntngg gaatggncn aagtngggta aacccaagg nttttttttt      660
naaaaatncc cccaangggg ggttttttan ttatttcccn aattnaaaat tccccccag      720
ncccattht tnggtttttt aaaaangggg aaaaatnaaaa aattccttat tggggnntnc      780
ccccctggg gttngggggg ggganccnc cctnggggc cttccttggg ngggnggggg      840
gccccattht ttttaanttt taagnaccct tttttacccc nagecccccgg nggaagnaaa      900
aaaaaatccc aanggggcct taattgggcc ctncanggg aaccaaagg aatggnggt      960
tnaaattccc aaaaaggtta aggggaagcc cttggnggn cccttggngg gaaaattaaa      1020
ggaaanttc cccgggtct ttaaaaaa

```

<210> 2260

<211> 978

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(978)

<223> n = A,T,C or G

<400> 2260

```

ntntnatcct ttgcaacnct ggctcttttt gcnggatccc atccgattcn aattcggcac      60
gaggcacctg tagtcccanc tactnttttn gttgaggcaa gaaaaataan ttgaacccag      120
aaggcnaagg ttgaantgac tngatntnac cccaatggca nttancagcc tgggncanaa      180
aggaancgna aattttgcta aaaaaaaaaa aatnaatngg gctttctttc antcctcttg      240
gattcacatt ctcttnggta aaaaaagctt taaancntct ttttccgggg gttcccgggg      300
tttggggccc gttcccgggt gggaaatttc ttggggtngg gnncttggcc ttgggggggt      360
cttcttgga aaaatggttg gcnttgcnnn nccagnngnn ncnctanaaa acccctggaa      420
caattgccaa gttttttccc cntngccttg aanggggggc ccccttaang ggggangttc      480
aacaacccaa aagggggtcc cccaacgaa ngaaaaaagt tttgttggc caattncccc      540
ccgggggggg ccccggaata aaaaaaanc ccccccgtg gtcttttctt ggaagggaaag      600
tttccgtnc cttttgtngt ncccccttg caaaaacatt tttnttctt gccgnaacct      660
tttgnccct tccaaaccaa ttggttaatt gtaacctttt tcccttgga agccctggta      720
aaaaaacgcc ctctttaacc nggtttaaan tnattgttg tttccgctt tgcttnaaan      780
naantattaa accatnnngc ccaggcccgga aggttggggg caaccncctt gtaaatncca      840
aacanttttt gggaaggctt naaagtgngg gaangaatca actttggggn cccaaggggg      900
ttgcaaagaa acaanccttg ggcnaacaat taaccgaaga acccccattg tnttaaaaaa      960
aatntttttt aaatttan

```

<210> 2261

<211> 906

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(906)

<223> n = A,T,C or G

<400> 2261

```

ncnaaacctt tgnaaactncn tgntcttttt gcaggatnnn nttnnnnnhang aantcgnnnn      60
cgaggctgct caaggattgc agggatttnt gcaagtggaa cagccctcgg naacctccnn      120
ttttgngcac gctccaggtc ccagtttcta tggcaaccat accggcaaat tgggctccgc      180
aatggttctt cctggaaaaa ccgagatttt ggttcccgcg gacgtctcta tggnttcgac      240
agccnaaaan gaacaaaacg gcatttccgg gaagatggcg gngcacaagt caggctccggc      300
acatgtttcc ncggagcgga cccagcaatg acggttaagg gctcccttcc cccgaacggt      360
ggtagtcgga gcccgggctt attagcaaac cgtgaganga gcagagtatt nttaccaaac      420
cggcactggn gtagganggc tggaaatttag ccctcaaana gcaaggaaac cnaggaaagg      480
gcaancccg ctttttangg actcgtgtgn aanaacgaann tgnacctggg gccaccttct      540
gaaaaaacanc agattgnact gnncaagggg gaccagtgcc ccgaaactgt gaantcacna      600
nggtttcaan aaaagacctg ggggcccga caagcnnntn tttccccaa gtttatcccn      660
cccngaaaaa attccccgnt aaaaaggccc atttncctta aancatatg ccccaanttc      720
anncttttaa acaanaanan aaccaaattg ganatnggtn tttcctggaa ctttctgggc      780
ccccgcctt accgtgcctt cgggantggn gcgggaaata aaaaaccgg gcctcttnaa      840
actttcaang ggcaatggtg anatttccaa attnaatgcc aaaaagggn ttnnngcccg      900
cctttc

```

<210> 2262

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2262

```

acccatnnnn ncnnaannnn nnnnaccaa ggaaancnct aagccatttt ctctgccttc      60
tagaagctta taatgtactt tcctatnaca nagnnnaata aaaacatgaa acctataaat      120
gggaatgcc aaaaagtattt tnatctctac aggnccatcc atgcagaggg catntattgg      180
gtgactgcag tactgcaaaa ggttgcaaa gaaatggaag atctgggtccc tgtaggttgg      240
gagtttacia tctaattaga aatacaaggc atatataccg ngaaaaaact agaatcccca      300
gctgtaagca aaaggatgga gtaggtggga gcattttttt cataaagaga gcnttgtcct      360
gnatgattgg tgaggacagg anaagcaagt tcagtaccaa tcaaggcaag agcacctata      420
tgtatccctg ctctatagaa tgatgtaaca nggccctcat tgtcacttgg ctgaaagtgt      480
cagctctgcc acctacaaa cctgggtttg aacctgnggc acatttttaa cctaagaaag      540
ggaatacagg tttgntcccg tgaaggnggt tggncnagtt ccaaagaaa attacaaac      600
cgtgaaaacc tcggtgaaag cttcaaatga atgtccnratn ccatnggagt ccctcaattg      660
taccaaactg gcccctttct gggtaancc tnaaagtccc cttccccaag cctntaaacc      720
tggnaaaaag ggcanggacc caaggcccg attggnatcc ntcaatgttt cncnaacngn      780
ttaacaaaaa gnggttcnnt ntngggnn

```

&lt;210&gt; 2263

&lt;211&gt; 976

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(976)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2263

```

gncnntttga aacnntttnc aactnctgc tcttttgcn gatccccna tncctnttcg      60
nntanngggg gggaacctan ntggctcccc cnccggcttt ntthtccnt natggancaa      120
ttggaaggaa accnnttacc nntnttcena agggcccagc aacctgnanc cctntcatgc      180
ctnaatggtc tggggttttg ccccnaccng anangttttt ccngcagaaa agaaccnntt      240
ggggagccan cattagcccc aangatggac caaaaccacc tggggcctgc ccttggntcc      300
ttgccccctc ccttgcctta ctncattatt gccaaaaaac cccaantggg cccatttgn      360
gnccccntna nattncaaaa cctaccccag ggggagcctt gncctggcca nngcnnnnnn      420
ngnttttant aaaaaacccc aaagtgnct tncncncng gaaaaaaaat cttgtggggc      480
tttgggcccc canagangaa acccaagtgg ggaanaaatg gtgggggttn tnccttggg      540
gggggatntc ggagcactcc caagtcccc aattgcccc agtccccctt cttctttnc      600
ngtggggaag ctcaactgtc tttccccagc agccacctgn ccttcttct tcttctaacc      660
attccctctt tcttgcctt tttccgcccc ggttccttca ctttaagccg ttttatttgg      720
ggggtccatt caagcttnc cancccntg ggccttccca agtccattcg ttncacacan      780
tagggggatt ccaacccca accgggttcc ccatgcccg gcnttgcgcc nccaannttt      840
tcaaggtnc ccnaggcccg gattcnangg accccancca angcccactn gggeccctac      900
cagngcccc tttccattnc ccngggggan ttttaattcc cccccccct tcnntaagga      960
nccacctctt ngcccc

```

&lt;210&gt; 2264

&lt;211&gt; 755

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(755)

<223> n = A,T,C or G

<400> 2264

ncgagatann	nnaggaccta	gaggcttccc	accagcacag	tagccctaata	gagcaattga	60
agaaaccagt	aaccgtgtcc	aaaggcacag	caactgagcc	tctcatgcta	atgtctgtgt	120
tttgccaaac	agagagtttt	ccagcagaaa	gaacccatgg	gagcaacata	gccaagatga	180
caaacactgg	gctgcctggt	cctgccactc	ctgcttactc	atatgcaaaa	accaatggcc	240
attgtgaccc	agagatacaa	actaccaggg	agctgactgc	aggcaacaat	gtagaaaacc	300
aagtgcctcc	acgggaaaaa	tctgtggcat	tggcccaaga	gaaaccagt	gagaatgggt	360
ggtgtcctgt	ggggattgag	actccagtcc	caatgccag	tcccctctct	tccagtggga	420
gctcactgtc	tcccagcagc	actgctnctc	ctctctaaca	tcctctcctt	gctcttcgcc	480
ggtactcact	aagcgtttat	tggggtcac	aagctagcag	ccctggctcc	agtcacgtga	540
ccaagtaggg	atcaaccaac	ggttccatgc	agctcgccac	aaatttcagt	cccaagcaga	600
tcaggaccac	aagccagtgg	cctcagagcc	ctccttccag	ggatttatcc	ccccaccctt	660
ataaacaact	tctgccgcca	agcagcttgg	cccgaacac	aagtcactta	aggggctctc	720
caanattcac	taaccaacn	agggccatt	caagn			755

<210> 2265

<211> 1147

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1147)

<223> n = A,T,C or G

<400> 2265

gnagccanga	accctttggg	aaaanncccc	cggnnnnnt	ttannaaann	aaaannnnnn	60
nnnnnnnnnga	nagagnnaaa	gggnnaggag	ggcgcnnaaa	gnnggcnac	naagaccana	120
atTTTTTTtn	tcacccaaac	gcnganncaa	aaagagcncn	nccagggggg	gattcgnant	180
nagcaanaca	cgcaaggggt	ggaccctttt	ntataaaaaa	ccncgaanac	naacgccacg	240
nggngncnng	aaaanganac	gngccacnc	ncnnanann	agnngccac	gnnccnaat	300
nncagncnc	gggaccgacc	cagccaanga	nccnncnncn	gnaaccccc	nganncnccc	360
cgaannncga	aannacnng	ccacaacaag	accnanngna	gcagcgann	angccccaag	420
nggcncnaac	ncnccaaacc	nccccacnac	nccngaccnn	nnaacccnca	ncnaaaaaana	480
gcccnaacnng	nggaccccaa	nnacccacac	ccagacaanc	ncacaannca	cggccccacg	540
tccccgcnc	aagnnncnng	ccnccnagc	cnngncccc	nnaancancn	aanagacccc	600
nanccncnc	acnaaggaaa	cgnncnngan	ccnaaagcn	caaacngnaa	cacacaccn	660
accnngcgnc	ncgggtnagc	anaccnncnc	ccncgcaccn	cacaagagta	ccgcaagcgn	720
annngnnaac	ngacanccag	caaancnnaa	cnnggcccc	cnagaaaaag	ncngacncnc	780
acccaagnnn	cancgcacaa	cngnnanacc	ccnnnncgac	aacgacancc	gcccacagca	840
annncnagcg	anccaccnaa	agcnnnnngn	acggngncaa	aaaacancgn	gngcnacacn	900
ngatntagca	aacaanccca	aaggnnccac	nccgacgaga	ccacnangna	cagangcagc	960
gannnccnnc	cccgnagngn	ccnaaagcna	cnangccng	aaacgcgna	gggnnngngc	1020
anggcacgnc	ccganncaac	acacgacccc	anagnacgcn	agnnnngcnc	nngcnanganca	1080
cnnnacccan	ccacannggg	gcgagcgncg	agccagcgac	gagtagncna	caaacgnccn	1140
nccgcn						1147

<210> 2266

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature



&lt;222&gt; (1) ... (992)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2266

tcgtgacct	ttgcaanctc	ctngnncttt	tngcaggaan	cnnnnnnnnn	nngnangtnn	60
ggnnnagagg	aaaaaaacca	ntnnaataga	aannttatag	gtcctccgcct	caggnaancn	120
gggctggmnt	ttaattaagg	aanaaagccg	attctactga	ctgacgtatc	cccctgctgn	180
taanaatccc	aaccacacac	tttcacacac	tattccaggt	tctggccctg	aatgaccnc	240
agctgangat	natttgncat	cncnccactt	ctntttttan	cancnccaaa	nancatttcc	300
aaanaaaacg	tttttagctt	tttaacngcg	attcaccact	aagaaantgg	cncngngaac	360
agtccacaga	gcttattcaa	attncaccca	ttctacatgc	acncntttgg	tgncgcctgt	420
gannatntan	nctnnatcnc	atttttanca	ccctgcgnag	aacggnanna	aaancnggna	480
aacntacagc	caaganacca	gtagccnggc	tccggccatc	acnnnagnct	ttgcccatac	540
cnatccctnt	tanaggacca	tntttntacc	ntctngcnen	ccccanttcc	ttaanccnnt	600
gggaaaccna	actnaaactg	gnncctnca	anaaatcntt	ttttantttc	naaagaantc	660
tttacnttta	aaatncngga	ntcncgnaaa	ngnttttnaac	ccttcctggg	naaaangggc	720
cctnctccca	cntcccaatn	ttccacnttt	gcangaanaa	cnaaccnana	ggctnatacn	780
ctnccaattg	gntatatnta	antntnagcn	ataaancncc	ccccntttt	atactcnggn	840
tannancaca	agntacnctn	ttccnntaag	gntnangecn	aaacattacc	ctanagggnc	900
acanctaang	nacntattct	tcccgcnaaa	tgcgccataa	aaaccctct	cccccnttg	960
ggaaacnnat	acttnggggc	nggntnttcc	cg			992

&lt;210&gt; 2267

&lt;211&gt; 976

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (976)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2267

gnttgaaaac	ntatacaact	acttgnnnt	tttngcagga	tcccanngnn	nngggagann	60
gnnnagccac	ngnccnnngg	ncccnngnatt	tttnnncngc	nnaaggccnc	tcccngnggn	120
tttanttcga	nngggnnngga	naacatttnc	acccaaaggc	ccaggangcn	tnntagnat	180
ttgggcccga	aacnnacacn	ttcngattnt	acagcgctna	ttannannaa	ngatnaanat	240
gancaaaaagc	annnngtcaa	acnaattagt	accggcccgn	ccgngtggn	tnacncccg	300
aaccccaaca	gttcggggang	cccaggcggn	cgaatcacna	ggtcntgagt	tcnnaancc	360
gncncgaccn	atatgggtga	aacccccccg	ccccnctan	aaaaaacang	aanataancc	420
cgggnagngn	ctggccnccc	gcncgtagn	acctangcta	actcctggna	ggctaanggt	480
cagnagagaa	tccgctncga	atcccgngga	gggagnganc	gcccgcaggt	gangtcccaa	540
gcacccgncc	caactgncaa	catctcncc	cntgggggag	nancannnac	ccncagcaat	600
ttcctcccc	ccccancaa	aaaaananna	aancggaaat	cnntgcanaa	acanantccn	660
cgaaggccnn	taaaccnct	cccccganac	nccaatttna	nnacacacgc	ancccccat	720
atccctana	ancttntctc	nttaccctc	aacaagaaaa	aaacnccnct	ctntnaanca	780
nnccccncca	cgggnanccc	aacaanntnt	tcnnaaat	ncgcggggca	accngcaagn	840
aatanngann	gaaccctacn	nttggaangna	tnnnccntgg	gaccttcggg	gganctatcg	900
ctccncanan	cacacgnac	cntaatanaa	aaaannaaaa	ctccgcctac	accatncggn	960
ggagaacacc	actnng					976

&lt;210&gt; 2268

&lt;211&gt; 803

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(803)  
 <223> n = A,T,C or G

<400> 2268

ngngnnnnnn	cnncnncnnn	ntccctgnt	taccaaagac	actcacatct	ttaatttttg	60
tgtttcgatg	gaagcacagg	atataattct	ctgcctcctt	aaattgttga	acgtgctgca	120
aagtttgaca	tttagaaata	gaactagggc	tgtggggcct	tggtccgtct	ttagggcctt	180
gttctctgcc	cttgcgtaga	cactcgtgtg	catgtgtgag	tgcatattac	acaggtgcat	240
gggataaccc	tactctttta	aggcagtatg	gaagtagcaa	agctgctgtc	tttgtctttt	300
cgggtgttgc	tgggtctctc	tgtcagcacc	atcaaggcct	tgctgctcat	tgcactcatc	360
cagcagggtg	ctatcaggaa	gaaggagaat	gagttccaaa	aataaggtaa	cttatttcagg	420
cttcacattt	gtctctatgt	tgggaatgat	gctactctcc	ctgcctgcct	tgtggaatgg	480
ttataaanat	anaatgagag	gaagctcnga	angtgnatc	caangtgttn	caccntcat	540
naaacatnnt	cangnatgtc	aaacaaatgg	acttacgagt	caacctgact	gaagggcaga	600
aanttccaac	ncctatttta	ataagggttc	gcctggnngt	taatttggat	cccacntttc	660
ntcattataa	ataanaaggt	ggggnttgaa	tnacaancat	taaggggctg	gcgaataaac	720
aattttaa	at	tcntgggtcaa	cctttatgtt	aaaagaaatc	ttaattggaa	780
nttgccacca	ttaacaaggg	ncc				803

<210> 2269  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(935)  
 <223> n = A,T,C or G

<400> 2269

agaaccttga	aancccnncn	ntgcngaccc	acgancnaat	cgnccnangg	tnaaagnaaa	60
ccaaccaggg	gtttttttga	naaaccaana	aggaaaggga	aggcggngg	agggcnaaac	120
ggccaanccg	cttgtagcna	ananccggg	ggagggaaaa	aaaccgggna	anccagtnna	180
aagnnccccg	ggggccgaaa	aggnatgccg	ggaagaaacc	cnacccaaca	naanaaccca	240
tnggaaangc	cgcgccnaa	aangggacct	ggaaaccanc	aagcaancgg	ncctggaaaa	300
aaanggcccn	ggaccangna	aatgggnac	caacngncca	aaaaaggggn	ccccggnaaa	360
anntnaaaag	cccaaaaagg	taagganggn	naaggaggc	naagaaaacc	aaaccacagg	420
ggggggaaaa	agnntnccca	agccaaacca	agaanggaan	ggcctttngg	agcccnccnt	480
ggccccana	ccaanccctn	gnaagngggg	aatgncaggg	ccccacann	ggngggggga	540
aanaaggccc	cancggaagc	ccnnnccctc	ccaactgggc	ctggccctc	cnctgggggg	600
gaaccaaacc	aaccggaaaa	agaaacnnca	nccacccccg	gncanggggn	canaaggggg	660
gncacccngn	acaaaaaccn	nncnngggtc	ncaagngggg	canggantcc	cccaaaggga	720
aaccccgagg	cccctataaa	ncagnaaaca	anccnaagt	ttngaantgn	ngggggacnc	780
aaaaaaggga	aaaanaaaaa	aaaaaaaaaa	aaaaaacccc	canncccn	aaaaacccaa	840
agggngggcn	gcannaccgg	gggaaccccg	acnngganaa	ggaaccnccn	ggangaagaa	900
tggggcnaaa	ccccacccn	cnaaggccng	gggan			935

<210> 2270  
 <211> 656  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1) ... (656)

<223> n = A,T,C or G

<400> 2270

```

ccccnctngc cttgnccgnt tatcnaggat ctttngcatn ncatctgtcn ctttngctgt      60
nttgtaaadc ngttaccgtt atagtacctg gtctgaaagg ttgctggatg atcctaccaa      120
cagagaccat tgaatgccgn tcaaaatgga ctgaagcatc agcaatgtct gaaaaaaggc      180
ctgacngtaa tgtacatgtc aaatggcccc taatttaagc cagagtagaa gtaagtagaa      240
gaataaacat ggggaaagt ccagcaacan aggaggcttt gagcttttgc tcttcattct      300
gagtggatgt tgttctcagg tggtaatagg ccacgagct ttctccactg gctgcctctc      360
tggggaacaa ataaccgaa aagatctcag caccctggtt ggtacatagg tggtcagttg      420
atttatactt cctgggtttc agtgntgctt gaattttcta aatggaaaca cagtaccttt      480
ataatcagaa aacaatccc agtttttgat ttgaggggtg ttgtaaaaag ntaaaaaaaa      540
aaaaaaaaaa aaaactccgc cctttnaaac ttttgggggg tcgttttccg tnnatccccn      600
ccntgttagg aatcctttgg tgagtttggg nccancccc ccnccttaac nnnntt      656

```

<210> 2271

<211> 671

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (671)

<223> n = A,T,C or G

<400> 2271

```

ntactcnaat agntnanta aacctnaact ngaatatntn aaatattgag caagcctngc      60
tgttgtagag nagcanccct gtctaaccgg tccaaaaaca atgtagaga cattaggaat      120
cagggtttga aaatcttttt ttccgattta ttgtgnattt acataccaaa aaaccacatt      180
aaaatagtc tcccttcaac atggctatct tttttcaagt tttatatgca tagctctctc      240
agcacttgaa tggaaaaact gttacagcat ttgggagttg tttttctttt agacatttgc      300
agatcttata tcaaggtgac taggaaccca gagctaagta tctgtgaggc aatctctgcg      360
aacgctgaac ttacctagtt ggtttctatg aaatatgtag aatgcactgc agtagccatt      420
gnaagaaggt actataccgg ttttttgggg ctgggtgntg ttgtttggtc tgagaatgta      480
ctgccaaccc ctcttttata aganagaact gattttgata catattttta aatatgatag      540
tacagagtta atggatgtta aaaatttatt tctttgnttt ggtaagtaga ttaaatcgag      600
aatcatataa tcagtncatt tgagaattat atacnnggat ataataatac tggacnaanc      660
atttgnctatc t

```

<210> 2272

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 2272

```

gttattcggt actcagcttg ctgcctgcng gtcgantctn atngatncna nttccgcacg      60
agggtgaaagc nnngcctcac gatccttctg accttttggg ttttaagcag gaggtgtcag      120
aaaagttacc acaggggcca gaacttccac cttgtggtca attgtttcaa gtgtgtgacc      180
atacttgtca agaaagtcaa gtcttaccag ataactgaaa aacagctcca agttctactg      240
gcctatgctg aggaggacat ttatgatact tcaagacaag ccactgcctt tggctctctg      300

```

aaggcaattt	tatcaagaaa	gctgttggtc	ccagaaatcg	atgagggtcat	gcggaaagta	360
tccaagtggg	cagtctctgc	acaaagcgaa	cctgccaggg	tccagtgtag	acaggttttt	420
ctgaaatata	ttcttgacta	tcccctgggt	gacaaattga	gaccaaactt	ggaattcatg	480
ctcgctcaac	tgaattacga	acatgagacc	gggagagagt	ccaccttgga	aatgatcgcc	540
tatctctttg	acacgttccc	tcaggggctg	ctccatgaga	actgcggaat	gtctttatcc	600
ctctttgcta	atgacgatca	atgatgactc	tgccacgtgc	aaaaagatgg	catccatgac	660
aatcaaagtc	cctacttggg	aaaatcacct	cgagaaaaaa	gaatggctgt	ttgatatngg	720
taccacttng	gttgggagca	aaaaaccctt	aaatagat			758

&lt;210&gt; 2273

&lt;211&gt; 731

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(731)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2273

cttttgaccc	ntttaacaac	cacactctat	ggtgantgga	attnnnaaat	naaaaagnna	60
ntaaatggat	ttggccaccn	taaancacca	nantttgaaa	tggttgantg	agggccggag	120
gccttgatna	aangggccct	ttgnaanggg	tngggngnga	agggaaannt	tnccggngng	180
gngtnacctg	tnggncttcc	aggncaanttt	ttggccntnc	anccntncct	gcaggatgnt	240
caaaagnnnc	ggccctnnt	gggaagggtta	aaactgganc	aaacctttnc	caagggganc	300
attttcaccg	tttacctgga	agtctttttt	tcccacctgg	cttaatcagg	ttncaatttt	360
caagggtaaa	caactaccac	ttncaggata	ngggaaagtg	tggttggaat	aaganaacca	420
tgataccctg	gaggaagggg	aagaaaccac	aaancatttt	tccttactgg	aaaaaatang	480
ggtggacatg	tcagtcaaaa	ttcttgatca	acttggaaac	ttgagttttc	cagttaaatt	540
ccattncact	anggagggag	ttttctatca	aaatcctgcc	agatttgaag	aanctggttt	600
attagaacca	cctgtcgctt	ttcaaagctg	cttaaaaata	agatctgcct	cnccttagag	660
atgatcatgg	gcctgggtggg	gccaaaaatc	ccgngtttt	ttaaccctnt	gcgattctna	720
ttgcagttaa	a					731

&lt;210&gt; 2274

&lt;211&gt; 867

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(867)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2274

tttacacgnt	cgctgcactg	tgaacctggg	cctccgcgcc	gatgccaccg	gcctgtgggt	60
ctctgaagg	acccccccca	atcggaactgc	caaattctcc	ggtttgcccc	gggatattat	120
agaaaattat	ttgtatgaat	aatgaaaata	aaacacacct	cgtggcaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa	aaannccccn	ngnnccntaa	aaaatttggg	ggggtttttt	240
nccnaaaanc	ccnctgtgt	nnnnnttttt	ggggggngnn	ncnncccccc	cntnnnaann	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnna	tnnccannnn	nnnanttttn	atnnnnnnnt	nnnnntnnnn	nnncnnaata	420
nnntnnnnat	nnannnnnnt	nnnnntnnnn	tantnnntn	annnnnnncn	nnnnnnnnnt	480
nnnnntnnnn	annnnntnnn	nnatcnatnn	annnnnnnn	nnnnnnnnnt	nnanannntn	540
nnntnnnnnt	nnntnnnnnn	nnntnnnnnn	tnnnnnnnnt	ntnnnnnnnt	natnnnnnnn	600
nnnnnnacnn	annnatnnnt	ntnnnnnnnn	nnnanannnn	tattcnnttt	cnnnnnntaa	660

```

natntttnnnn atacnnnnnn canntanntt nntntntntn ttnnnntntt nnaantaant 720
nttnnnntag canntctnt tcnnnnnntt tatntntntt tntnnatnna tntnctttgt 780
ntnatnttn tnattntnta nnnancnntn nannncnnt nnantnttnn nnnnnannnn 840
ncattancta ttcncngtnc nanance 867

```

```

<210> 2275
<211> 759
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(759)
<223> n = A,T,C or G

```

```

<400> 2275
tnttatnecn tcagctactt gttctttttg caggatccca tcgattcgaa ttcggcacga 60
gatttgagga tctcgacctt gtccttccag caggtgctcc caagccacct ctgggcctga 120
gaataggcat cacatgactc tgtttaatcc tccgacacag caaggatgcc gggaagcagg 180
gcaaagtggg tcaagttatc cggcagcgaa actgggtggg cgtgggaggg ctgaacacac 240
attaccgcta cattggcaag accatggatt accggggaac catgatccct agtgaagccc 300
ccttgctcca ccgccaggtc aaacttgtgg atcctatgga caggaaaccc actgagatcg 360
agtggagatt tactgaagca ggagagcggg tacgagtctc cacacgatca gggagaatta 420
tcctaaacc cgaatttccc agagctgatg gcacgcgtccc tgaaacgtgg attgatggcc 480
ccaaagacac atcagtggaa gatgctttag aaagaacctt tgtgccctgt ctaaagacac 540
tgcanagga ggtgatggag gccatgggga tcaaggagac ccggaaatac aagaaggtct 600
attggtattt gacctggggc anaacaactt ccttcccaac ttctgtccca ccttgaagct 660
gaggcacttn ttttcagatg cccaataaag agcactttat gagtcaaaaa aaaaaaaaaa 720
aaaaaaaaa aactcgagcc tttanaact atngtgggg 759

```

```

<210> 2276
<211> 758
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(758)
<223> n = A,T,C or G

```

```

<400> 2276
gggccggggtc tgccntcata gacatgacca actgtccttc tcctcgatca cagaccaggc 60
agctggcatg aaagaggacc nnaagcaaaa tgagcctttt gtggccaccc agtcatctgc 120
ctgcgtggat ggccctgcaa accattgagc gtaggatntg ttgcattatg ctagagcacc 180
aggngcaggg tgcacggaag angtcaagt atgnttattn cttatcacia tgcanaagcc 240
gaaaattatg tcnctttaag aaatacctac ctgtttgca tgcntatta aaaaacnaca 300
aanaaaagaca aatggaacan agaaanctgt gacccagca ggatgncnaa tatgtgagga 360
aatganatgc ccacctaaaa tcatatgtgc aanattatct cgaccttcca tangaggaga 420
atactgnan cngtatgctg cctgtngtta naagcaaatt ttatactttt aactggaaac 480
tntggggttt tgcatttaac catttaactg acggctaaat agccancatt tnttttttag 540
aanctnaaaa aaangcccta gnnctgtngn tttntaaatn ggnttatgcn nactcggnnc 600
tgncatgttc ccccccccaa aatgaatttn ntttttgtnc gaaacctang gnnnacctca 660
ctnntttnta atncctang tannccnctn ctnttncctc cntnttaaag nccnaataaa 720
tccctnttn cnnngnnnnc ncnngcttta cggcncca 758

```

```

<210> 2277

```

<211> 1212  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1212)  
 <223> n = A,T,C or G

<400> 2277  
 ngncntgatn gaacgtnacn gantgnngnt acgtatatgt tngatntgtg atnntgangt 60  
 atntnnanag ngtagtgnt gnttatgcga tnttattata nccnccnnta tgntagtagt 120  
 aacnannata nntagagtan ttgngnnnat ngggngngng agngtatatt tgagtcatat 180  
 gtannatgaa ncagaaacat ctncnanant ntacgcatgn nntngngnnn cngagccnnt 240  
 atgatanntg atgntnacga ntgcgtanttn ngatntantc cncgtntngg ttntctgtcga 300  
 nmccnagtna nnttanatgn cccgnnngcn attaacnnta ntannnggnnt angtnngtgc 360  
 gngnagtnta ncnnaanta cnagnanann atnnaggcnn tattnnctaa nnnacgnnt 420  
 ngmntttatt nantgtgtna nnatgggnagg aggagtacnn nnnatnattg cngtnngntn 480  
 gangtnntag anatgtntnt ncnccacnnt attgcntang ntgnanncgt tnantagagt 540  
 anacntnccg agaaggtacg canctnatnt antncangac aatgtngggc gtcnccntaa 600  
 tntngnntan ganntccgag tnttgtnang ancgtcatac cnatngnngt nngcntntaa 660  
 nntgatgcng atgacncnng tncagtnnnt aatatangan nantcngtag ggtcncctatn 720  
 tngttnatan tgnagacnc acantataga gngantatac tgaaatnntg gntngagana 780  
 natatatnag nntgtgttat ntggcnnnat ngncatatac atgatagnnt gcgatnacta 840  
 cgnagtgtgg gaacgctaca cgcgtaggnt tgcgtcnata tgnntnnctc gcgnangtgt 900  
 nttttctcgc tagnatngtg agtgaatgtt ncncananna anggataatn tntngtancc 960  
 cagcatntga cnangangat agataccgca cagtatntat ncntgtatgt gtgtgtntctn 1020  
 gngcntantg atcgcnagta tntngcntct nactactaan nnatnactnc gncgtacnca 1080  
 gggananntn cgaaagngcg cacnntatng aacgntanaa cgtgcngant agatgtntcg 1140  
 acnnncncat agnncntgat gtacaagtga tcanntgaan nngtggannc nccatgntnn 1200  
 atnagnntng gt 1212

<210> 2278  
 <211> 771  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(771)  
 <223> n = A,T,C or G

<400> 2278  
 caccncgntc gantcggcac gagatgaacc atctgctttt aatgattttc agaggccagc 60  
 catttattac atgatgtcat tcagtgattg gtatgagatg caagatgctg gaattacttc 120  
 agactcaatg atgaagaact tcttctttgt gccttcttgc attcagctga gccaaagaaga 180  
 cagcttttcc gctgaagcct aaacagggcat taacgcttct ttagatctga agttgcaggt 240  
 taagcttgtc tggtaacat tccagtgtgg aaaaataatt taaacaatct tattctctta 300  
 attcttttgg caacaaaaac tattagtaat agctatttgg gaccagacaa aatcagcttt 360  
 catctataat tcattgggga taatgggaga ttttaagataa tgtatccaga tttaaacctta 420  
 ccagtttggc tacccttan gcgttataaa taaaatatgc aacaaaatgg atgacttaat 480  
 tggagatggg aagccatta attgggttcc ccattaaatc gggtacatac aaagaacaca 540  
 gtttttatac taaaggattt tngggttaaa ggccttgtna aaggttcatg tcttttcacc 600  
 cagaattttt caaaatggtt agaagaacna gnnngggact ttctttaana ataaccggtt 660  
 tangtggnat ttttaagaaa gngggtnaaa tttnggcct tttgaacctg ggagttttna 720  
 ataaaatggn naaaaatncc attcataanc aatttnggtg gancctaann g 771

<210> 2279  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2279  
 accnccgntcg anttcggcac gaggggtggc ctgtccagct cagcaccctt ggaagtggcc 60  
 acgtacacct tctccagca gctctgtcca gactcgggca caatagctgc ccgcgcccag 120  
 gtgtgtcagc aggccgagca cagcttcgca gggatgccct gtggcatcat ggaccagtcc 180  
 atctcactta tgggacagaa aggccacgag ctgtctcattg actgcaggtc cttggagacc 240  
 agcctggtgc cactctcgga ccccaagctg gccgtgctca tcaccaactc taatgtccgc 300  
 cactccctgg cctccagcga gtaccctgtg cggcggcgcc aatgtgaaga agtggcccgg 360  
 gcgctgggca aggaaagcct ccgggaggtg caactggaag agctagagct gncagggacc 420  
 tggtagagca agagggcttc cggcggggccc ggcacgttgg tgggggagaa tncggcgcac 480  
 ggcccaagca agcggccgnc cttgagacgt ggcgacnaca gaggccttgg ccgcctcatt 540  
 ggtggagaac caccgntcan ctcananacg actatgaagn gaactngcca aaacttgacc 600  
 aacttggtga aggttgccct tgcctgtgcc nngggtttat ggnaagcccc nttaacnggc 660  
 ngtggnttcn gtgnntnanc ggnananttn ttggangcct ccctttttcc aaccntngg 720  
 ganaatcaag aat 733

<210> 2280  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 2280  
 ccntcgnatc gancggcacg agaaagtga tctcgagttg gtaacgcca gaataccaga 60  
 aattctggaa atccatgaag cagcagcata agtggtttgc ctctttctcc agcagcaaca 120  
 tagtgaaatc ttaaccctga atccttgat tcttggcggt accaactgag agaattttaa 180  
 agtgaatata gagttgtagc actggatttg agaggttatg gagaaacaga tgctccatt 240  
 catcgacaga attataaatt ggattgtcta attacagata taaaggatat ttagattct 300  
 ttagggatata gcaaatgtgt tcttattggc catgactggg ggggcatgat tgcttggtta 360  
 attgccatct gttatcctga aatgggtgatg aagcttattg ttattaaact ccctcatcca 420  
 aatgtattta cagaatata tttacgacac cctgctcagc tgttgaaatc cagttattat 480  
 tacttcttcc aaataccatg gttcccagaa tttatgttct caataaatgg atttcaaggg 540  
 tttgaaacat ctgtttacca gtcacagcac tggcattgga agaaaaggat gccattaac 600  
 nacagaagga tcttgaagct tatatttatg nctttttctc acctggagca ttaagtggcc 660  
 caattnacca ttaccgaaa tatcttcagc ttggctggcc tntcaaacat taaaatngng 720  
 gccacttcc ncnt 734

<210> 2281  
 <211> 766  
 <212> DNA  
 <213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1)...(766)  
 <223> n = A,T,C or G

<400> 2281

accncgatcg aatcggcacg aggtggaaga agaaaagntt cctacacanc tgagcaggca	60
tattaagttt ggtcngaaat ncatgtggag tgtgctcgat tttctccaga tggtcagtat	120
ttggtcactg ggtctgttga tggattcatt gaagtatgga actttactac tggaaaaatc	180
agaaaggatc ttaagtacca ggccaagat aactttatga tgatggatga tgctgtcctc	240
tgcatgtgtt tcagcagaga tacagaaatg ttagcaactg gggccaaga tggaaaaatc	300
aaggtgtgga agattcagag tggacaatgt ttaaggagat ttgagagggc acacagtaag	360
ggtgtcacct gtctaagctt ttctaaggat agcagtcaga tccttagtgc ttcttttgac	420
cagacaatta gaattcatgg tttaaaatct gggaaaaccc tgaaggaatt tcnnngccct	480
tcctcctttg ttaacgaagc cacatttaca caagatggac attaccttat taagtgcac	540
ctctgatggc actgtaaaaga tcttggaaata tgaaaacccc cagaatggtn caaaatacct	600
ttnaaatccc tgggccagcn cccgcaaggg acaagatatt taccgncca ancaggnggg	660
gaatctaact ttcttataaa acccttggac cactttgtg ggtggtgcaa ccaanaanca	720
aaaaccccg nggggtcatt ncatgaacca tgccanggg gccana	766

<210> 2282  
 <211> 1226  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1226)  
 <223> n = A,T,C or G

<400> 2282

aagaacggnn tttnaangnn tntttntntt nangganant gtagntaaa ttcattntnt	60
aattngaacg acnccgntnc nacngtatct tgaattangg gtnggtgga ggcncccatg	120
tcnacanatn tnacatatat nttatattnn canntngaca natntaattn tttncangct	180
gaacnatcgg ggggggggng agnngatcct atctcggtan tggatgagnt tnantcgcgn	240
cnatcnntct ccgnatattt aatntttata ntngatcgt tgganngang natntacnat	300
atnatatnga ntntgtacca ttnntnacga tcnaatgtnc ttannnctna antttcncnc	360
gnccngncat anggntcnnt nannnnctng tnnantccgc aatgatagnt atatgntnnn	420
naanntgnng ncanntnng nacatnctt ncnnngtttg nccgcntant tanncananc	480
ncatnggant ntatnananc ccnctggggn ntntaaaagn tatangcna nntntncng	540
ctnantnggt tgnncnatnn nnnnanttnn aantaacngg gnatanntcg ctgcactcga	600
tttanncenc cgnnnantna ntgnncncn tnnntnnngc aangatnaca natgagtnnn	660
agnnnnngtn nntatttga caatntnctg ncgacgcngn ngatcntnta ttntgacata	720
tgaggnggca anttatgcgc agntnttcca ncnatangat attcgnatna acatngtggt	780
gtatgcnana tcncccnang anantcgtt nntatntann tnnngctacac ggcantntnt	840
nacataccca tcnnnannat nnnccncnnc nacgntngcn agntcgaac acatctgcgn	900
ggttaancgt ngagacnctn ncgnnataga ntaattagga ntgctcaatc atcngcactn	960
tatgngegta cgaacgtatn tgtatatntg agtnatagt gcgatatgcy attgtntna	1020
tatnccnactn tgatcatntg tatgagatc nanngtngnc ccgatatgan gngnggttng	1080
nnaganatat cgaaatataa ngtgtntgcc gtgacngagg tgcgtcaant ncgagctcgc	1140
gtgntnggac angtgtatag ntngcgtaa agganttgac gngntcgca tgatgtannc	1200
tacgatntnt gagtgcnaa cagagt	1226

<210> 2283  
 <211> 1327  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(1327)  
 <223> n = A,T,C or G

<400> 2283

ttgggggggg	ggggcnaana	cccgccnnt	tntaangttt	ncnagaaaaa	aagngaaatg	60
ggntagactc	ccttttccgg	agtnnaatnc	acngannagt	nnggcngaac	gggntttgtn	120
tnaaanttta	tnanacncgc	cncacncna	tcagtnaata	tcggccnncc	ccccattnta	180
tgtaaagcag	tnntatattn	gtggatntna	ccccccccc	ngccnctag	ntgtgttatg	240
cgcattgcacg	ataagtgnng	ggggggnggn	ggtctannta	tctatttnca	cacnccgggn	300
atgataaanc	gncgtaagng	gttctcactc	antntgagtn	gggtatataa	tatatannat	360
tatccanncg	tncatnanaa	tggtacgc	nncgtattga	ttttgnatnc	accnccgtnc	420
atatnctncc	gcccaccact	aggtcgtgng	anctaacna	cctcacatcg	cttctgggtg	480
gnctnnntna	ngannccgnc	gaanaactcg	gatataantn	annatgacag	ntatncttna	540
ttngtgccca	nnaaannta	nncngncann	tatctctnct	aaatantggg	annagactcg	600
nnttgatatn	tanctnctg	natgttcnga	tctnnccatt	cnaacnaggc	tacttannaa	660
accnccnnng	tgannntgng	tnctntntnn	aannangntc	ncntatgtnn	ngnnntcccc	720
annnnacnan	cnnatnntcc	nnattatgtg	ngangggctg	naaangttnt	nnannnntc	780
tannagctnn	ncantgannc	gngcatngta	cnnnangaac	ntatcgnctn	cnntnntgtg	840
aanttnnccg	gntgacnant	ncnntggtnn	agcngcncac	cncttngaac	tngtctnctc	900
ctaatnccct	gnnngatngg	ntatatnnnt	tgtnctcgn	ntggganngt	ntattgtgtg	960
gcntatctat	anatgtgccc	ctcgtcgaga	cnacgaggtt	gtatnctggn	aannagntnn	1020
attgtggngt	nnaatangcc	tnagcnnaaa	aatgtgnnna	acacacnatt	tngtgaacac	1080
nactcgtntn	ttgtntntna	ccncaanaga	ngccnggggg	agtnntntaa	ntnnctatgt	1140
ggggtctata	ctcacacngn	ggnanacngt	tantcangat	gacgaganat	ncactnggca	1200
cgtgngngaa	ggncacagnt	tactatgttg	nnaaganana	gnaagcgata	tctctcctcg	1260
ncgatgtctn	ataccnnngc	nnccgtanat	ataagngant	gtaggacntn	actaacgnnc	1320
cacnct						1327

<210> 2284  
 <211> 734  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(734)  
 <223> n = A,T,C or G

<400> 2284

accnngntcg	aatcggcacg	acctccatga	aggatatttt	tgagtcgta	ggagttacat	60
ctgctaacat	gcttattttc	attcttctct	catctcttta	tttaaaaatc	acagaccagg	120
atggagataa	aggaactcaa	agaatttggg	ctgccctttt	cttgggcctg	ggggtgntgt	180
tctccttggt	cagcattccc	ttggtcatct	atgactgggc	ctgctcatcg	agtagtgacg	240
aaggccactg	aaaccgcgcg	agaaaaagaa	acatccctgt	tgtctgctca	gtcaagtccc	300
cacacatcag	caatctctca	ccacttcttt	tgcaagttaa	cagaagcaaa	cagaaatgta	360
caggatactt	aaaatggaat	aacttttttg	ttgcaaaaaca	gagacatggg	tctataatgc	420
ttcatgtccc	tccaagattt	gagatcaatt	tagggattgt	gaattntttt	tttcaaattt	480
catacaatca	tatttcccag	tactttncac	aatcattttt	tacctatcta	actctatgtt	540
ttgnggcttc	ccggtctctt	agaactttga	aaacatgata	taccaataat	gntnatttat	600
tatccatccg	gattctgaaa	taattttctt	actggatggg	tnagctcaca	cttatctgna	660
ccttttttaa	gaaganaaaa	agantcttga	attggatata	tttatttcgc	tttacagaaa	720
aaaatggggt	ccca					734

<210> 2285

<211> 719  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(719)  
 <223> n = A,T,C or G

<400> 2285  
 acctcgntcg attcgcacga gccagagca ccacagccgc aggcgccccca gcaaccacag 60  
 cagcagcagc agcagcagcc accaccatca caacagcctc caccaacaca gcagcagcca 120  
 cagcagttta gaaatgataa caggcagcag ttcaattcag gtagagacca agaaaggttt 180  
 ggaagaagat ctttttgaaa taggggtggaa aatgaccggg aacggtatgg gaaccgtaat 240  
 gatgatagag ataatagtaa ccngacagag agagagtggg gaaggaggag ccctgaccgg 300  
 gacaggcaca gagacttggg agagagaaat agacgctcta gtgggcatcg agacagagag 360  
 agagattcta gagatagaga gtctcgtaga gagaaggaaag aagcccagag aaaggaaaag 420  
 cctgaggtga cagacagggc aggtggtaac aaaaccgttg aaccttccat tagccaagtg 480  
 ggaaatgtag acactgcttc agaacttgag aaggggggtgt ctgaggttg cagtcctaaa 540  
 gccttctgaa gagttacctg ctgagctcct catccgttga acccgaaaag gattctggct 600  
 taacagcaga agctccttcg ttaganactg gaatttgtga aaatgtnaca gtgacctttc 660  
 tggaaatgtaa ncttgangtg tcaaagtctg tatttttatcc nntcctttgt ctgnagccc 719

<210> 2286  
 <211> 764  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(764)  
 <223> n = A,T,C or G

<400> 2286  
 nntcnttctg tntentcaag gtnttntnt cngnatatt gcagtengca caattgagag 60  
 anccaatggn ctgnncaatc gccncataga gganannnac atggnnctgn naggaatggt 120  
 ggttggtgat ganttacata tgntgggaga ctctcaccga gggatatctgc tggaacttnt 180  
 gctgaccaag atncgctnta ttactcngaa atcagcatct cgtcaggcag atctanccag 240  
 ttctctgtcn aatgctgngc aaatcncngg gatgagtgt ncccttcccta atntggagct 300  
 cgtggcttcc tggctgaatg ctgaactcta ccataccgac tttngccctg naccgctttt 360  
 ggagtcagna aaagtgggaa atcccatana tgactcttcc aatgaaactt gtgaggggaa 420  
 ttgancccca tgctacaagt gaaggagagc gaggaccatg ttgcnagtn atgttatgag 480  
 acnatntgtg ataacnattt cncatattant ttttttgcen atcaaagaaa cgggtgtgnga 540  
 aagcctggca tatntcattg cnggagaant ttaatnacct tacattnatc aaacngnngg 600  
 ggantgggng aaacccttn tgaatgccca ccccgtnatt tnttggaata aaaaagann 660  
 ttntttggaa nctnnnnggg gaacaaatat annaaacct tcnnectttt angaacnggg 720  
 nacnctgtc ttaaaaanaaa anttgnaccc natggggggn cnnn 764

<210> 2287  
 <211> 995  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(995)

<223> n = A,T,C or G

<400> 2287

cnnccannnnn	nnccnactgcn	nnnnnnnnnn	atancgaann	ncntanannn	nnantnntct	60
nnctntnnnt	cacnnaannn	nnnnnctnn	cnnancttnn	nnnnnnntn	nnangnnan	120
ttnnnttant	ttaatgcntn	tnnnntnann	ntcgcgccn	ncntcncatn	nncccentcn	180
ctccccnnan	ntnncaagng	tnctttngna	aantcangnn	ngattntanc	ttcngtnccc	240
ccccccctc	tannnttcgn	acctgcaggc	atgcaancnt	tgagtttttn	tataggggta	300
cctaaatagc	ttggnggggg	cattttcata	gctggantcc	tgngtgaaaa	ttgttatccg	360
ctcacaaatc	cacacaacat	acgagccgga	agcataaaag	tgtaaagcct	tggggtgcct	420
aatgagttag	cctaactcac	attaattgag	ttgcgctcac	tgcccgcttt	ccaagcggga	480
aacctgtcgt	gccagctgca	ttaatgaatc	ggccaaccgc	gcgngagag	gcngtttgcg	540
tattggggcg	tcttcgctt	cctcgcctac	ttgactcgct	tgcgctcggt	cggttcgctg	600
cgccgagcgg	tatcaagctc	actcaaagcg	ggnaaataac	ngttattcca	cagaatcacg	660
ggggataacc	gcaaggaaa	aacattgtgg	agcaaaaagg	ccaaccnnaa	ggccagggaa	720
ccntaaaaaa	ggngcgcgtt	gcttgcggtt	ttccattag	gctccgcgcc	ccctggacng	780
agcatnaaca	aaaantncga	cgcttcaant	caaganggtg	gncgaaaacc	cgacaggant	840
aataaaagat	aaccacggcg	ggtttcnccc	ctggaaaagc	tccctccatg	ccnccntcc	900
ttgntccnaa	cccttgccgc	ttaaccggga	ancttgccng	cntttttnc	ttnnnggaaa	960
ncgtggggcg	cctttctcan	tagctcacc	ntan			995

<210> 2288

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 2288

natattcgat	caagctactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gtggagaggc	cttgcaaaaa	tggtcatca	cgttcaggcc	ctccgggctg	agttgtcagc	120
agtatcaagg	gaggggcctg	ctctatcccc	agaaggatca	ggatcatatc	caggatgccc	180
cacatacacc	aagccaggca	gagggcagct	cagctcctgt	cccatctgct	ttggatatct	240
ttacccaaa	gcaggtaac	cgaagagcca	gcctccactg	cccacagagc	caggcccagt	300
tgtgttgagg	tataggtcag	gagctgtgga	aggaggcagt	ctgtgaggga	ctcatgcttt	360
aggagtctc	accctcaga	ctgctgcagg	acattgccag	gcctctctcc	acttccttcc	420
tcagcataca	gacttcatgc	tatcttccaa	ttccggggag	tcttagctat	tagggcagtt	480
tctgcttctc	cattttgggg	acaaaggcct	tgcccagtac	aaatctagcc	ccttgtccca	540
cagacttctg	gatggtataa	acctagtggc	aatgtancaa	ccataggcta	gaaccaaacc	600
caagatttgg	gtcagtggcc	tggtaaagg	ttttaggatt	ggtaaggaca	ccacagctaa	660
atctgacatg	taaaaggata	cccttccctt	gtccactacg	ggtggaggct	aaggacctcc	720
tcaaattcca	caaaatggct	ggtgacattg	gcacaagg			758

<210> 2289

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(728)

<223> n = A,T,C or G

&lt;400&gt; 2289

tttntcntt	ngcacatgtc	taccagaaaa	ttttgttctt	gacctgacgc	ccaccttcta	60
tgggtgccatc	aagaaacctc	ggcaccaacc	aatgcctgga	tgtgggtgag	aacaaccgcg	120
gggggaagcc	cctcatcatg	tactcctgcc	acggccttgg	cggcaaccag	tactttgagt	180
acacaactca	gagggacctt	cgccacaaca	tcgcaaagca	gctgtgtcta	catgtcagca	240
aggggtgctct	gggccttggg	agctgtcact	tcactggcaa	gaatagccag	gtccccaagg	300
acgaggaatg	ggaattggcc	caggatcagc	tcatcaggaa	ctcaggatct	ggtacctgcc	360
tgacatccca	ggacaaaaag	ccagccatgg	ccccctgcaa	tcccagtgc	ccccatcagt	420
tgtggctctt	tgtctaggac	ccagatcatc	cccagagaga	gccccacaa	gctcctcagg	480
aaacaggatt	gctgatgtct	gggaacctga	tcaccagctt	ctctggaggc	cgtaaagatg	540
gattttctaaa	ccactgggt	ggcaaggcag	gacttcttaa	tccttgcaac	aacattgggc	600
ccattttctt	tccttcacac	cgatggaaga	naccattagg	acatatattt	agcctagcgt	660
tttntctgtt	ctagaaatag	aagcttccaa	agtagggaan	gcacttgggg	ganggttcaa	720
ggcacaat						728

&lt;210&gt; 2290

&lt;211&gt; 1460

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1460)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2290

agcggnncgn	nnnncgggga	agnnnnannn	agnnaangng	nnnnangngn	anannnnan	60
gnngnaaann	nnnngagcnc	ncnnngngnn	nnacaangng	naaggnncag	aangggan	120
ngcaacgnag	nncgagngng	cngnanaagn	aannaagnnn	ggganngnag	aanagagagc	180
agagnagann	naacggcggc	nnncncnna	ngttnnnnga	aaccccgctt	gnnnaaaacc	240
acccagnnca	gganaaagaa	gtagagcnac	naaanagcna	gncngcngag	ncnggnanna	300
anangaannn	gggggggngg	gggggggggg	gaanggcnaa	cnctttnnng	nnacnagggc	360
aagggnaanc	cgnagngcan	nggnnggggg	ngggnnacac	naagcnagna	aacnannnna	420
taaangngga	ngagnagnng	gnnancgggg	gnannaaggg	nnannnggna	anngnncgag	480
aanagaaggg	ngganngncg	nnncanaagg	ngggcagana	gggaaggcng	gaaaaaggga	540
agganaccna	tggggganga	gaaggagag	nnnnnnnagg	ngcanaggag	cagaancgca	600
anncganaag	nggnnnnggn	cngancgana	aantngnnng	gaganannng	ngganccnng	660
ggngnagann	gnaaacncan	gggancnana	ggcaangngt	gcngngcngc	nggaagnnnc	720
ggaagagncg	cgatcggnng	gaacgcngag	cgagancag	ntcggnnaagn	gagnncgnag	780
gcaacgggaa	gaagagcgga	ggagnacnng	aatcgcnag	aacgcggagg	agcgcgcagg	840
angngcggga	nnngagaaca	gaacgnatgg	aagggannng	agaggganan	gngagantca	900
aagcatgang	acagaaacac	acgagagang	nnccggagaaa	angacgagga	gngnggan	960
anangngaang	agacnnnnag	gaanagangg	gnangaaagg	gaatggagaa	agnanngag	1020
gananganag	gcnggcgaga	gcggataacg	cngaacgcna	nngaantnga	gnaacacacg	1080
cgngcncacg	cncgcacnga	ccacnganng	agacgnagca	tnngagagag	cggnnaacng	1140
cngacgagac	acantcaaga	nngncgnanc	cnacggcgan	cgnggngaac	angrntngac	1200
ganangcacg	aacgggagcg	aaagntncng	aaangnnann	gantagaagc	agaancgnaa	1260
cngnaagggn	ccaggcgnaa	aggntngggc	cngcaagagn	ngagcnnaga	gganangngg	1320
aaagangcgc	gggnntgann	cncaaccgac	cgnggcgann	aganntnncg	cnagggnagg	1380
nnanggatga	gganaaacnn	naggggaggn	ngnatagnga	agccagagaa	gcaggcngcn	1440
agangnagnn	ngangggacn					1460

&lt;210&gt; 2291

&lt;211&gt; 1412

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1412)  
 <223> n = A,T,C or G

<400> 2291

acncccgnt	cgaggncaa	tgngncngt	anaannnann	ggnnnnnaaa	naaanngtga	60
angcntanta	cnngcggnan	nngngttanc	tacgtangan	gaaanggttn	ncncngctgc	120
gagnagctaa	nnnnncgga	ncnanagnan	nannnggatn	cganatagg	acgaaggana	180
nngaactcgn	nagacngang	nngaaantgc	gnngtncnnn	cnccccacnc	nggttntgaa	240
aacccccgtt	atacgcccc	ttctttcttc	cganggacac	agngcagccn	cntnaccccc	300
cgctcncact	ggagaaaatn	gtcagaggag	ccncgggng	ggnggggng	nggggcgnc	360
natgtnttaa	anttttgng	angaacgcag	tnntggagg	nacnagcatg	cgnnangncc	420
atanantcgn	angggancng	gcagggatgg	catctgntna	cccccaaccg	ancgacgccn	480
nnaannccgg	gngnaccacn	gngnccacgn	ccccggangc	annanaagcc	angnaggccg	540
ncnaggnna	nnannntngg	gcacnanann	caggangacn	gnaggagncg	ngccngcana	600
annangngta	cnngnnacga	naannanngc	cggaagagnn	ncgngatac	nnccgnagan	660
cnganaaang	ngnannanaa	tagcnnnana	ngannagacg	nnngnccntc	natgnagaan	720
gagaaancan	acntggacga	nncntngnag	ngatgggntt	gcatnnccac	ngggtncac	780
nncnnantca	tnngnnangnn	cgaaagnngn	gangaaanag	cagggnntnt	gnaggncaaa	840
tgcgacnnc	nnnnggggta	ngcgagaatc	ggaanacnnc	ctngangggg	nnnaccgctc	900
nagtcntcgc	gcncannnna	gnangggngg	anagacntat	ntagangncg	accantnnan	960
gacacngang	ngcntntgan	tnnnagagac	atagatcagt	nganangtan	cnnaatgcn	1020
tctcanagag	nncaanaaaa	cggattngga	ctntatcatg	tgnggcagng	gnnaanaaan	1080
aaactcntnc	gcgagnatgt	nttgcgnttn	aanncgncga	tactnangta	agaaananac	1140
nccccgtana	ngngantnat	cnacgcnnng	gnngcaaga	aaaanacctn	gaaanaagan	1200
gggaaagnna	ngaattngga	cccgatgcaa	nganacngt	ctaacgnaca	aggtgacaca	1260
acncacgagn	cgatcgaaat	cacngtcacc	ggcaaacg	nggnnttct	caaaanggg	1320
ngtatantac	gtgctcacgc	ganngggaca	natanannga	ctgantgtna	agagcanaac	1380
gaccatgctt	canacnggg	nganacccgc	gc			1412

<210> 2292  
 <211> 775  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(775)  
 <223> n = A,T,C or G

<400> 2292

tggtattcgt	tcaactcttg	ttctntttgc	gcngctcnc	annatcccc	nattcgccac	60
nnngtgnctt	ctgtggaaaa	aanattantt	ctttaccatt	gcancgttct	gccctnggtc	120
caaatgttac	caanntcact	ctanaatctt	ttnttgcttg	gaagaaaagg	aananacaag	180
aaaagattga	taaacttgaa	caagatatgg	naaganggaa	agctgacttc	aaagcaggga	240
aagcactagt	gatcagtgg	cntgaagtgt	ttnaatttcn	tcctganctg	gtcaatgatn	300
atgatgagga	ancagatgat	tcccgtaca	cccagggaac	aggtggtgat	gangtttang	360
attcatttga	gtgtaaatga	catagattta	nccctgtaca	tccaagaga	tgtatatnaa	420
ncaggatatta	ctgtanccag	tcttgaaaga	ttcaacncat	atacttnaga	taangatgaa	480
nacnaattaa	gtgaancttc	tgagggtang	gctgannatg	gnnaatnaag	tgacttgac	540
ngaggacanc	nnanagggag	ngaacggaan	atggngccac	tagatgctgt	tcctgtttga	600
tgaanatctt	ttcactnnaa	taaggatttg	gattganctt	tagaacaatt	nnattacact	660
tggttttgan	naaatgacac	cnttcacttc	gcttgtnaaa	nattatgtca	actcatccg	720
agttgaaatt	gnctacatta	ntttctttcc	accttgnatc	aactgatgnt	ttttc	775

<210> 2293  
 <211> 1186  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1186)  
 <223> n = A,T,C or G

<400> 2293  
 cgncgngann gnanngggng ngggcngcng gnnngnngang nngngnngan gannnnngcna 60  
 nngcnnngcgn ncnagcgcnn ngangcngng cncgcgngcn nncngncgcg cnnnnngnc 120  
 gncgggngngc ggggggnang nngagncnn gngcggncnn nngcgggngg nnnncngcngn 180  
 nngannnnca ngcnnacccc ccnnancnng agnganncct tcnnaacnac ccggccgngg 240  
 ancgnnnagn nnncccccnc cccngncnng gcggncnngn gcgggggggg ggganacacct 300  
 ttttgngcc cagnnggcca cggncgcncg ggggggcnnn nngaacganc gcngnngnnc 360  
 nangggccga cnnnnaaacc nccccggggg ancnnngnnc ggcnngngacg nannccnnc 420  
 acngaggacc ggcggtgcgc cggggcaaga nggnccgna gccgcancan gngnngcagn 480  
 angggccggc cgcnggggca cnagncnagn ggcgcgcac ggncccgan ccgaagcagg 540  
 gggaggancn nacngcgggg anaaggggcc gccagcacg nggaggcag gtnggcctc 600  
 atnggancn nnnaccnng angagggan gngngcncn caaggggggn gnnnngang 660  
 agcccgnnc gngcccaagc tgcagccgc gcggggnng gcncnncn cgggggggga 720  
 ngaccnaaca gcgcncncg cggagacnnn ggangncnac aggnccccc cgcgggnnt 780  
 ggggcganca acgncggng nggggccnca gngaccgca ggangcagac accnccn 840  
 ncggggggn ngcngcccg gnnccgccc gggagancg gcncncangn agngggaaac 900  
 gccgcnggn acccgcgc anagcgcg gcgcgnanag acccgngan cccngggng 960  
 aanggcggan acacngggng gggnggggtc tngcgcnnaa ncnggggcgc tgnancnncn 1020  
 ngccacgcac ncggcgcn ngggcngcg cgccccgc ganngagca ngggngnag 1080  
 ccgcccnnac cngnnncgc gccacgccag cggncgcag nagnncctc gggggcgcn 1140  
 naggcgcna ngcnnccgn ccgcngggg gncgcgcnc nggccg 1186

<210> 2294  
 <211> 1338  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1338)  
 <223> n = A,T,C or G

<400> 2294  
 anaaccnncn gngccgnga cgnnnnnan gaaaaacnng nnnngannn gggaangagg 60  
 aaaaaangaa caannnaana ngaacannng ananggaan gnnnganga ngaaangcgc 120  
 aggaaanang nncaaanang gnnngngann nnnacgagng agggnacgca gagaannna 180  
 acgnanacgc gnnngnganc gaangaanat cgnagagana ggnacagaaa gnagcnnacn 240  
 acnccnnccc nccnngntg ggaacccn cgtttgggna aaaaccccc nngngnagna 300  
 nggaaanaac anngcngaga gnanngaanc ggaagngna aacaaangna gnnngggggg 360  
 gngnaagnnt tnttttnnaa tannagagan nggacnggga naaaagngg agnaanggaa 420  
 aancannnaa acncanaagc gnnntatca nagcgacgn nngagaanna cgaacangnn 480  
 nacgnaann ngnaantagg aaganngnnn aaanngaaga nananggaag nagccgnnaa 540  
 ancgaaangng aanannacgg gagacacgan naaannann ncacnanna tagnaatatga 600  
 agaggnnagg gngngnnnt ganaacngga cggaaggng nngngaanc naagccacaa 660  
 gntnngcnaa angcggnnaa cnagacgaac gagacgnga cancgnaaca ncncgnaac 720  
 acaaaagcca anaggganac nagaagngn cgnntnnan nnnngcaaag ggacacagnc 780

tggnaaangan	ngaaagnggn	gctngccnan	acggancaag	gnaacgggaa	aagggggccg	840
nngaaaaaan	cnancncaca	nggggaaacc	aaaacgnnna	acngntnnag	aaatacgnag	900
gggacnaaag	gggggaaagc	naacaagnag	cgagcngggg	gagnannaan	ggggggnaga	960
cncngncgna	aggagggtnn	gnggnncnan	gancccnagc	acnngcngnc	nggaaancnn	1020
cacnaagggg	cgagaanaga	ggnanaaggn	ganncgaaac	gaanannaac	aacnacaggg	1080
agggcnagaa	agcgagggna	cnangnactn	aaggcggaac	ncgaanggan	aaggnnnnca	1140
cangcacggg	aaagnnncac	cncnnncnan	ngngngaaaa	anggcnaant	cgctaaagag	1200
aanagnaana	ngaaccaang	ggangaanng	agggaaaaan	ncncngcnna	gnagantcgn	1260
cgnangagaa	aaaagagaaa	acagaanggg	anagcgnggg	cnancncnga	anggggagag	1320
aggcgcaagg	cnnatccg					1388

&lt;210&gt; 2295

&lt;211&gt; 1013

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1013)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2295

gannactgaa	aaattntncc	cttaattaac	cttccaaggg	ccctattgnc	nnggnggnnc	60
ttgttttttt	tggncccang	ggccaattcc	cccccaattn	ccgnaatttt	nccccggtgg	120
ggaaccaatt	ttttgggggt	ttttttgggt	tggttncctg	ggcctttaa	aaaaaatccn	180
accnttaaaa	atttaaaagg	gccctttngg	gtngggggtn	tnggccnncc	caaccaattg	240
ggaaccgaaa	aaaaaagggg	gggnaaaaa	ggcccanttt	ttggccaatg	gnaacancaa	300
gccattttcc	aataaggggt	tcccngggc	caccnttttt	tggttttctg	ggaaccaagt	360
tattttttta	ccaagctttt	aattggaatg	gaaatatatt	ggtacttttg	gaattggccc	420
tggtttttct	ctttctttga	tttngatccg	ctactgtgtc	agtgtttgca	atcagattgc	480
gtctcacctg	cacatacatg	tctttcagaa	tcaagggtctc	tacagctcat	tctaatacatc	540
attaatgatg	taattggtat	ataggaacat	catgttttct	gcaggaaaga	aagtaacata	600
ttaagggaga	atgggggtgg	ataaagaaca	aatataattt	ataataatca	atgntgggat	660
aacttttatt	ctttattatt	ggtaacacgc	cctaactatc	ctgtgtgaga	atgggaaatt	720
tcaagtccca	tcttgtaaat	tgtatatgtt	ggtcatgcag	ggtttggggc	aagaaagcat	780
tgcacaaaaa	aaatgccatg	tgattgtaaa	ttatcctggg	attcannaat	aaatactgng	840
gatgggggag	cccccatccg	cagtgggtgg	gaagaagttc	ctaagtgttg	gactgggttg	900
ccaggcccaa	aaagaatgaa	tngcttttaa	taantttaaa	caaaatcatt	gggccttttt	960
antaaaccat	ccccttggtt	ttaggggggc	cttcttcaag	ccctntcctt	tnn	1013

&lt;210&gt; 2296

&lt;211&gt; 1694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2296

cgaactntnc	gtgtntatga	gnnnnntanc	gngataaagn	ncgtgtngnt	nnntatatnt	60
nnntntnntn	antntnacga	nnctgtggat	ncngntgtgc	atgtgaggtg	atngnctnat	120
tcgctntctn	gtnttcgnc	gnntgtatgn	tnatgantat	gtnnncngaga	tgtgtgnatg	180
aatgntanta	nacnnnnnan	attgtngaaa	naccccnctt	cgnaaaagaa	ccccnggtn	240
ngttatatgt	gtantactnn	cgctntnatn	ngtnnccgac	gccagagtgt	tnagattnga	300

tgagnnntan	atgngtgggn	gggggngggg	gntgantgta	tatgtntnat	aatntaggt	360
ngntangtnt	ngagngtatg	tggttnngtag	acagncgggn	gtgantgtnn	ngtnncttta	420
naagtatggt	cgtctatcgc	gnnattgatt	ntttatttnc	tagngttnt	antgtnggan	480
gtttntatgnt	acanantngt	ngagnanggt	cgattanttn	nnngggcgng	gngagatgnn	540
ngnnnatgac	agntngngcn	gtctngagan	nnagnggtgt	ngngnncntt	cnnangtgta	600
gntttanctt	ntcgtnttga	cnnngggnt	nnaatggncn	ggngtgnagg	atgtnanntn	660
ggntatnagt	atgagnnng	gnnnnantcg	annncataa	atgtangnnn	tgtgctgatg	720
tgnnncnang	gngantggg	aantnngtgg	nnnttatagn	natnatcgan	cgtgttcnaa	780
tgnttgntgn	cgnnnnncnn	gnnatgtnat	gcnnngtgc	ntnnnnntcn	gtgtgnntta	840
aanctntgtt	gggttgggtg	tgtggtatga	tngcaggnc	tngtatctng	tnncnanatg	900
gangagcgga	tgntggtnan	atatnngata	ngnngatnga	gngntcgmat	gaggnatgng	960
ncgcngtat	gagntcgmat	ggtgnntnta	tanangggtn	tnccacgctg	gtngcncgtg	1020
tgntnnnctt	tntagcgnt	nggtgctga	ctanntgna	ggggnnaa	anntnnnn	1080
aacntaang	nnccgctgc	angntcgcg	ncatctggt	ncgntngaag	aatagtnta	1140
gtgacgagcn	ggacgttcnc	tgcntatna	ccnnacnct	gngatacta	nnagatgagg	1200
tnncgactgg	anatnntnn	atnatcatnn	aatnttnang	angggaagga	nnctccntn	1260
ggngggagat	tnntngna	ngcgngatg	nnntcgngan	cgtgatngna	tangggngant	1320
aggcgnttag	nanttgtag	gatgaaggg	tctataagcg	tggtagnntt	ggtgntgagg	1380
tatgagacnn	anatgtntag	atatnctata	tgaggatgan	ntangggctg	atgtcgatgt	1440
ctngggntn	tnntngata	tngcatacgt	cgntntntnn	ngancntntn	acagtttana	1500
ncgaaatata	tnntannctg	gcgacncaa	tatgaattga	tacaatacgg	tgtangnggt	1560
tttatgtatn	tgangntgan	angtgtgtna	ncnttatgat	gacnggtatn	atcgatatntg	1620
ccggtancnt	cgnatntgta	natgtgaacg	atntcgcan	gnnactantn	tgcntatgtn	1680
tnnnantgat	ccgt					1694

&lt;210&gt; 2297

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2297

taatncgata	ctcagcttg	catgcctgca	ggctgactct	agaggatccn	nattccgcac	60
nagacanaac	ctcntnatta	aagacaaatt	tatcagaaan	atgggtgcac	aaagagggt	120
ttantggctt	naagaggat	gtgaccgntg	ccgatgacan	ngagctngaa	gccaanatcg	180
cagttgttga	aaagtataac	atcagngatt	ccagagctgg	tgcaaaggga	tagaaaaatg	240
ccatatatga	agatttgac	tttgcntagt	acattctggg	cactgngcac	aaagccaaag	300
gcctgnantt	tgacactgtg	catgttttgg	atgatttag	gaaagtgcct	tgtgcccgg	360
ntaacctgtn	ccagcttncg	cacttcagan	ttgantcatt	ttctgaggat	gaatggantt	420
tactgtatgt	tgagtaact	cgagccaaga	agntctcat	catgaccaa	tcattggaaa	480
acattttgac	tnntggctgg	gagtacttct	tgcaagcaga	gctgacaagc	acgtcttaaa	540
aacaggcgtg	gtgcgtgct	gcgtgggaca	gtgcaacaat	gccatccctg	ttgacaccgt	600
ccttaccttg	aanaactgcc	catcacctat	agcaacagga	aaggaaaaca	agggggggct	660
accnnttgnc	ctccttgnc	ggagcaacgc	atcnggcccc	ttggcgtttc	ttgaaagnct	720
tcccgagacan	gtgcgcccc	atggaaccgc	actgnggan	aaaaatcc		768

&lt;210&gt; 2298

&lt;211&gt; 1407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;



<221> misc\_feature  
 <222> (1)...(1407)  
 <223> n = A,T,C or G

<400> 2298

nccacaan	ca	atanaggaag	gngttgtnga	nngggantan	aaagnaanaa	ntngnnntnc	60
acngacana	n	gntnngnanc	naagatnnaa	ncgaagacga	ttgantacnn	gtcaanaaaag	120
ggtnantant		cgagacaaga	caagcacata	ngagggcgng	aaacgatntt	ngactngggn	180
annangtana		tnctnacnga	catgtntnca	cngngcaggn	nnaatnnga	gatacganca	240
ntcacnana	n	nanactgngg	aaaaccccc	ttctgcana	atccataccg	tanantnacn	300
gncncgntna		atactgcgtn	nnacaacanc	gcacnccnca	nnanannnca	gngngnnntna	360
cgcgncgnan		nntaggnngg	nggagggggg	gggaganana	tnctacnac	atacgannna	420
cgctnnntana		cnaactgatg	aannnacng	gaccngtngn	ngtctanaaa	anacgaganc	480
tcengagcan		ntncataatc	annanagtct	naacgcnnnc	atnaganngn	ntnntcann	540
gatnnaggt	n	ngtncggnta	tnntnngntg	gatnntnnng	ngnangngan	gngtntgnt	600
ganntcnacn		nntngnangt	gatncgtnnn	gnannaacna	ncnaaantgg	cagggnncga	660
ntntaattan		cgnaaactgt	agatagnccn	ncnnnanagg	aatncgcnnn	ttgggaaanc	720
nnantancn		gaaganggan	nncgnngcgn	ggancncgcn	ncnagaccnn	gtgatnngga	780
ancntgtcaa		gatntntact	ggngcagcna	tnagngggac	naanncaggt	nnngnccncg	840
ngnnngcaca		tatcaangnc	nagcnnngg	gncatgnntc	nccgncacan	cagatncacc	900
aanattcnaa		nnagtnagnc	naaacntann	ggcgagagann	gngnntaaca	ngagngtggg	960
nnncacngnn		aaaaatanng	ancaacanag	ttannccnna	cactgncncg	cgagngangn	1020
ganngcgnc	a	canaacnnnn	ngaangcanc	atnnnnngnc	ngagannacg	aannngnat	1080
ngngcncnaa		aantaattng	ngggggacaa	aangataggg	tnnnnnnaaa	nnngnggggg	1140
aatggggatc		ctgaanacna	aatccanant	ggnagggnag	cntggcggt	ccngnggcgc	1200
naatnggaan		cacncggntn	nttnataggg	nataaangnn	cannanggn	gcgggnagga	1260
anatanann	c	acgcaanaac	tcnnggtgtt	aaagagaaat	nctnnnaaag	aagnntancc	1320
gagcggtcac		tatgaangcc	gngnagangg	gctgtnnntn	ccnanttgna	nnncncacat	1380
ntcnncangn		aggaacnnga	ctggngng				1407

<210> 2299  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2299

ntnancnt		cgattccgcn	gagaacncac	ntttncagc	ccnctgnag	gccnaggana	60
catnaaatat		ggcntatatn	ctgtagagaa	tgagcntatg	aatcgggtac	agtctcaaag	120
ggcaatgctt		ctgcagggca	ctgaaagcct	gaccgggcca	cccaaagtat	tgaacgttct	180
catcggtatg		ccacagagac	tgaccagatt	ggctcagaaa	tcatagaaga	gctgggggaa	240
caacgagacc		agttagaacg	taccaagagt	agactggtaa	acacaagtga	aaacttgagc	300
aaaagtcgga		agattctccg	ttcaatgtcc	agaaaagtga	caaccaacaa	gctgctgctt	360
tccattatca		tcttactgga	gctcgccatc	ctgggaggcc	tggtttacta	caaattcctt	420
cgcagccatt		gaacttctat	aggaagggt	ttgtggacca	gaactttgac	cttgtgaatg	480
catgatgtta		gggatgtgga	tagaataagc	atattgctgc	tgtgggctga	cagttcaagg	540
atgcactgta		taccaggctg	tgggaggagg	gaggaaagat	gaaaaaccac	ttaaatgtga	600
aggaacaaca		gcacaagacc	agtatgatat	accaaggtaa	taaatgctgt	ttatgacttc	660
ttttannaaa		aaaannnnnn	nnnnnnnnnn	nnnnnnnnnn	aaaaaccnnt	tctttnt	717

<210> 2300  
 <211> 765

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(765)  
 <223> n = A,T,C or G

<400> 2300

tattatnecn	tcagctnctg	gtcctttttg	cgagatccct	cgattcgaat	tcggcacgag	60
caggaataat	gctgacatac	atacatatnt	atatatatat	gaagagagag	agagagtcnc	120
acacagacag	acagacacac	ggagtctcgc	tgtgtcgccc	aangctggag	tcgagncggc	180
tcaatctcag	ctcactgcaa	gccttgccct	ctgggttcac	actattctcc	tcctcagnc	240
tnccaagaag	ctgggactgt	aggcgcccg	caccatgccc	ggctaattct	ttgtatgttt	300
agnanagacg	gggttnccac	gngttagaca	ggatggctcn	gatctcctga	cctcatgatc	360
tgccctgctg	ggcctcccaa	agtgtcggga	ttatangcgt	gagccaccac	acctgnncat	420
aatgtcgata	ttttagntca	gggtcatgcn	ancaacatta	cagatgttgt	gaangactac	480
atgttcnttt	gtncnaattg	tccctttaa	atnaggagat	tncaaaaaa	tatttgaagc	540
tctttgagga	ggggcttttc	agattttaa	tgataaacct	tattagtntc	tctttaggca	600
gagaactgaa	gatacatgta	tatctcanct	ttgtgagtgg	aaattctctt	tcanacttta	660
acattgaaaa	gttaattcna	aattcttttc	tcatatattc	atgggccttg	gtaaatgatg	720
ggccgaanat	gtcctgttaa	cttgagaaaa	ggagaaaaat	tnttt		765

<210> 2301  
 <211> 755  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(755)  
 <223> n = A,T,C or G

<400> 2301

gntatnctt	caagctcttg	ttctttttgc	aggatcccat	cgattcgtga	aggctctacaa	60
cccagttagg	gcagaatgga	ggcaaatgaa	taatattccc	ttgtctcag	agaccaacaa	120
ctacagaatt	atcaagcatg	gccaaaaatt	gttgctcctc	acctctcgca	ccccacagt	180
gaaaaagaac	cggttgactg	tgtatgaata	tgatattagg	ggagaccaat	ggattaatat	240
aggtaaccaca	ttaggcctct	tcgagtttga	ttctaacttt	ttttgctct	ctgctcgtgt	300
ttatccttcc	tgccctgaac	ctggtcagag	tttctcactg	aagaagaaga	aataccaagt	360
gagcttagca	ctgaatggga	cttaggtgga	ttcagtgagc	cagactctga	gtcaggaagt	420
tcaagttctc	tttctgatga	tgatttttgg	gtgcgtgtac	cgctcagtg	aaatgcacag	480
gatcaacagg	gtttgntgta	actagattga	aacactaagt	tgtttttact	gttttgaaa	540
atatcttaaa	tatccttttt	gttctctaaa	gagaggaaaa	gttgattaac	ttctgggttg	600
gttttagaaaa	agtaatgttt	gaaatacgaa	ggtaatttaa	tgttacaaat	tttaacactc	660
aatcaacct	tttaataatt	ttctgtgcta	agggtccagt	attatttgga	ttatttagta	720
tggttatgtt	tcatgacact	aatttagtct	ttgat			755

<210> 2302  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(729)

<223> n = A,T,C or G

<400> 2302

```

tttaaacctt ngaatcgac gagaccgga ccagaacatg accggctggg cctacaaaaa    60
gatcgagctg gaggatctca ggtttcctct ggtctgtggg gagggcaaaa aggctcgggt    120
gatggccacc attgggtga cccgaggtt gggagaccac agccttaagg tctgcagttc    180
cacctgccc atcaagccct ttctctcctg ctccctgag gtacgagtgt atgacctgac    240
acaatatgag cactgcccag atgatgtgct agtcctggga acagatggcc tgtgggatgt    300
cactactgac tgtgaggtag ctgccactgt ggacaggggt ctgtcggcct atgagcctaa    360
tgaccacagc aggtatacag ctctggccca agctctggtc ctggggggccc ggggtacccc    420
ccgagaccgt ggctggcgtc tccccaacaa caagctgggt tccggggatg acatctctgt    480
cttcgtcatc cccctgggag ggccaggcag ttactcctga ggggctgaac accatccctc    540
ccactagcct ctccatactt actcctctca cagcccaaat tctgaagttg tctccctgac    600
ccttcttttag tggcaactta acttgaaaaa nggatgtccg ctttatncaa aattacagct    660
attggcaaat aaaacgagat ggataaaaaa aaaaaaaaaa aaaccctttt aaaaaattta    720
gnggagtcn                                     729

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<210> 2303

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 2303

```

gactatctct ttcaactnct tgtccttttt gcaggatccc atcgattcga attcggcacg    60
aggagagtgg ctaccttaaa aatgcntttt ttgaagaact gtaacctcag aggagcaact    120
ctggcaggaa ctgatttaga gaattgtgat ctgctggggt gtgatcttca agaaccaacc    180
tgagagnggt ccaacgtgaa ggggagctat atttgaagag atgctgacac cactgcacat    240
gtcacaaaagt gtcagatgan aatttttaggg gctggaggaa gatgtaaaag atgaaaaatgt    300
tttccttata acttttcttt ctccaccac tcagttgtct agaagaaata acactgtaag    360
gaaatttaaa aaaaaaacat ttagaggatt atgcttgttt tgagtgggtgc atangggaaa    420
aaactgactt ttttttccat attctgattt ttaacagaaa agcactcatt taatagatgt    480
anggaaacta gatattgctg ccttttgaat ggggtagggg ggtttacctg gttttatgac    540
caggcatagt atctattata tttgctttta aataggcatg atgtggaaat accatcttgg    600
tttgagatgc atttgaggat tttaatttat ggaaagcccc accatatgca attatattta    660
ttggaattcc tangatgcan ntattggatt atttnaaatt ggttaaaact ttatgaaaac    720
tttgnaaaaa gggtgttcan gtttataaat agctttaagt gatgccctcc cttntttt    778

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<210> 2304

<211> 1609

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1609)

<223> n = A,T,C or G

<400> 2304

```

ncnnncgnnn nntggggntg ncnntnnnt cnetccctnc ncggngggng gcnnngggtn    60
ntgtanagga ntgcngntnn ctntgccenn cccennnnnn cggtgctgct cgangagncg    120
ccgaggatat ctnnnnnnnc cccccnttg cggcgntctg gggggggggg ggggcgcttt    180

```

ttttttanac	ggcncncceg	ncacnggggg	gggggcnttt	ncntgccnnc	nncgctactt	240
ccnnttttgg	aaccngngn	gcnangaann	gaaggcgnnn	angcgcgcg	gtgcnnngtc	300
tngtngcggn	cnggcgtngc	gngtggtgcg	nnnnggcana	cgtegcgncn	gnnngcngnn	360
gcatnngcnc	tnnnncncgn	ggggcnntgt	gtnnnntaat	ganccgcgnnc	cgnagacngc	420
tctgggactc	tgcnnnnggg	ncggcgggcg	gtangtagng	cgctngtcgg	ntngcngtct	480
ntangctcgg	agcnggagca	cnnngnnncn	gatgacgnnt	tgcnnngngg	ngctntngan	540
gccgtangcg	ngtntctnnn	ggtagnagnag	ngttcgactn	ngtcacgtgn	agttgactct	600
gtngnnngcn	ccgnactgnc	cnctgcgngn	tgtngtgtgn	ngctaacgtg	nnnggantcn	660
gnaagtanga	ngacgcgcgn	ngtgttganc	gntngngtcg	gngnanccgg	cngtnnggga	720
agcgtggtgg	tnngcctcnn	tnnnggtgtg	ggagcnnctg	nnagntgang	gnncgttggn	780
ngnggctcgg	cnatcttcgg	gnggcncncg	tnnccgatnc	gctctctngn	ttgntngnnt	840
gnnnacgcgg	cncgatgccg	cngnngcgcg	gacgncgctc	gngngctgcg	ncgatatcgn	900
tacannaggg	gaatgggaca	taccngngng	ntngtgcneg	tctnangnga	ggnggangcg	960
cgnctganat	gagngagcn	gngagtgtnt	ctgannactg	gagcgcgcng	tgcgnttctt	1020
cttcngagcg	tacatctcac	cncgcncatc	ggtgcgcgcg	ctcggannag	gtacgcgcnn	1080
ntctngntgn	tnntnncant	cnctcnnngn	agnacgncng	gngccgggtan	ngagnncgnt	1140
cnmtcacgtg	gngnnnncgn	gacanagncn	cncacgatnt	gcnacgagcg	cnctcagan	1200
ngangtgctg	atgtgngcca	cgnantagng	tgcgtgatat	nggcngtcat	ggcatngtg	1260
cgtncagtga	gcnnngcnn	ntctntcggt	gcancgtacg	nnacacgcga	gacgntctnc	1320
gngctgtgca	cngcgcnncg	ngnntnatag	gcacacnggc	atcnnngcna	tantgctgag	1380
gggancgnct	gcncgnaann	gcgacgtngg	ntgnnnacan	agacgngtg	atttcacngg	1440
gccggnggnt	gnntncgggc	tggntctgnn	tgngngcgtg	cgcccnagtc	gcgntganac	1500
gnggcgtcna	nagncgaatn	ggagccggnc	gagngtaga	tggggacggg	agntnatnga	1560
cggtgggcga	nacgtgtccg	agcttcgcgg	ctggtngngc	accggngcc		1609

&lt;210&gt; 2305

&lt;211&gt; 1021

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1021)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2305

gnggnannga	nnngnnangn	aangnnagag	nngnggnngn	nnnnnnangg	ngnannnnnn	60
cggnnnnnnn	nnnnnnnnng	aaagaacctt	gaaaaaccgg	cntntnngca	gcaccangc	120
gncganangg	ggnacgaggg	tcagaaaaga	aaagcaaaaa	ncatttnntg	cggcggacac	180
acgacagann	gggggggggt	gnnggagaga	cagngccggn	acgagttnt	cgnnnccatn	240
ggggncaaa	gagnanggg	nagcgnntc	gctcanacgc	ngccngngc	gggtgacanc	300
ngcnagggg	aaagnagnan	taacnaaggg	tcgggnagt	gagntcanc	ctggagangg	360
nggctacna	ggggangcng	ngcacggaag	ngannagann	gtccnggaca	aanggaccgt	420
gaccggcana	cnggaganga	anccggcaan	tancnganga	nctncnganc	nnagangcnn	480
tgtnnccgan	cggngacgc	ngagnnnagn	ngtgnccggg	ntngaannag	gaagnnggaa	540
aaaggcnacg	angngnngg	nngggagcgg	nngcngaggc	tcgaagnant	gnggcccggn	600
gagcgnancg	catnggggg	anngcannna	gaacgaagag	aatggtaggg	acnncnnaan	660
nggcgaggg	ntgtaaaagn	nacncnggga	acngggnggg	aaangncgag	anncgnggna	720
naccggggng	gtgganaaat	ggtnnnaaan	aanngccatg	aggggcccn	nacannnccn	780
ccncaacac	nnagncnng	gcgcgaaagc	antanggnat	angnnnnnna	gcaggtntag	840
agtgnnaang	agggggtnac	aganaaggg	ccngancctca	aacaatagaa	aaagggggca	900
tngnannata	caggggggnc	tntanagatt	caacgtcngn	acggangcac	acggtggggc	960
gangcgnaca	cnggggnggg	tgancnanag	taccnagcga	gngccngtgt	gnnacnatnn	1020
n						1021

&lt;210&gt; 2306

<211> 757  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (757)  
 <223> n = A,T,C or G

<400> 2306  
 nttttaaacc cctttgcgaa annaggganc agtgtgtaaa gtacaaaaac cagctggggc 60  
 gtggtcgcgc tcatgtgtg gaccactgtt gtttagactg anctgggnan ggatggcttg 120  
 nnnccctgna agnncaaagg ctnttngtga tctttttgtt tcncctctg nactctancc 180  
 tgggttgaca gancaagacc ccatatcaaa aaanancggc cgggcgntgg gggctcacgc 240  
 ctgtcattcc ancantttgg gaggtgagg cgggtggatc acaaggctcan gagatcgaga 300  
 ccacccctggc taacatgatg aaaccccgtc tntactaaaa gtacaaaaaa aattanctgg 360  
 gttgtgggtg cgggcnctg tagtcccagc tactcaggag gttnaaggca ggagaatggc 420  
 gtgaacgcgg gaggcggact tgcagtggc caanatcgng ccactgcact ncagcctggg 480  
 cgacagagca tgaccccatn tcaaaaacaaa caaaactgtg atgataaaaa gcgccataaa 540  
 cactaatttc aaaccatgct actctgtctt aaattttcaa atagctttgc acctgaaata 600  
 caaaattaag ttttgggaaa aacaagtttt taactgngtt gctcacaagc taattaaact 660  
 ggntaagttc tgccatgtga aagggtaaaa aaaataaagt tcattttttg gaaaaaaata 720  
 caaatctttc tanntnttat atctttntnc nttnnnt 757

<210> 2307  
 <211> 1175  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1175)  
 <223> n = A,T,C or G

<400> 2307  
 atgggggann nnnnnnnntn ntntttttta ncccgatnaa ttcccttnaa nnaatttcca 60  
 agaaanccct tngggccatt ggggcccctt ggggccaaag gggnaaanacn aaaaacattn 120  
 cntaacannn ngggnataaa gcaacaccnc nannggtata ncncntanag gnetctcncc 180  
 natatantga agangganac atnatnnatn annghaanna aatntttnt ntnacaaaan 240  
 ntttcnecat ggcggctcnc ntanntatnn taaaanagen ggngntatca tntatnctg 300  
 aaacaaanan ncntnncgnt gattttacccc naaaatataa aatctnaant ncncnangna 360  
 gaanactntn anttncaaca aannntnngt nattaancan aanannaacn ntnannnnac 420  
 ngnttctntt ncaanantat ctcanntcta aaatangtna aancnnaang cacctctgtn 480  
 annggannca ttaagcacan ntngttnan tangagttac nntatatnac anaantngna 540  
 tnaanttnnt aaacnccnta nccgacnant naattnaacc taatatntcn atanattttc 600  
 annncaanaa tnannagatc nmatcnngna nancnnntaa aataagtgn nctnacanat 660  
 ntnanntnan nntgaanaat taacagngnt ttaaanngna naccnntga cccnctaaaa 720  
 aaaaanctat ttanntaaat agtnnatngn gatttaacca nataatantg naancnccat 780  
 ncacactnnt agaatanac acacgggnc tataatacnc taaccntnt tttanacacc 840  
 atntctncta anatantcac actattaacc aatanaaacn aagatcgggg gaatatcatt 900  
 tgcncaaatc aaaaanaaat cngggataac caaactactc nntaaaacac cttantgceg 960  
 nggggggnaca nanataanat ttnganactt aaatnaaagc ggaaanncat gnancctnt 1020  
 tcccgcctct cttatttaac nntntaaang aaaagnnnag gcnttttctc tctatnnata 1080  
 ccancantc cnanantang taaaaaatna ntnanntgna gnaagagttt gggggntnna 1140  
 tnccccacna nacttttgna agaangcngt ttncg 1175

<210> 2308  
 <211> 861  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(861)  
 <223> n = A,T,C or G

<400> 2308  
 ncagnccecan tcaaagcncg ctgcctgnaa aagacccatc gattcgaatt cggcacgagn 60  
 ggaggaagca nnagggaaat cntgacgctg caaantgcnc aggcncgaat acggatgggtc 120  
 ctgcctatn tggtngtca ntagaacctn tggactnggg gtgtccncgg tgggtcctc 180  
 gngctgggat ccncnacgtg gatgagagtn tantgggtc ctnccaaggc cnntgtncca 240  
 nttgcnagca tcaaccctta tgcngtatca caagacngac ctatnnggcc ttcttcnagn 300  
 tnangcatcc ncccgttcc agctntctgc cctgcagagc atactgntgg tgctgacac 360  
 cgcaaactcg gagccttgg ctgatggana ngtgatncna taccgacnan gaananatgg 420  
 ggatgacata tgcananctc tcnnantatg ggaaactcaa gatngtggcn aaagatggng 480  
 ccctacaann tggtntgcaa anttcntcag gatntngaaa cacntctgcc cccctgaca 540  
 ngtcncnntc aaagagnaac nggngntntc tttcaagttc tnccttgaa cncganacaa 600  
 agaaggactg acgcttttca caactgagtg gcctacngcc tnnanacata gcaatncctt 660  
 gaangaacac aaaagggtt ttgancgtgn cgaaaccaat tcccttggg accgaancca 720  
 caaattcttg ngccccttag ggaaaaagnt tnttcanggg ggcctttaa aaaaannaaa 780  
 ccangggggg ccacaacnag ccattgggga ggcccttaa taaaanaaac ctcatataa 840  
 ccctnaaggt aacgtggaan n 861

<210> 2309  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 2309  
 nantattcgn tcaacctnct ngtncttttt gcaggatccc atcgattcgc tgtaaatgac 60  
 aaaagaaaaa gaaaaattga gccttgggac gtgcccattn ttactgtaaa ttatgattcc 120  
 gtaactgact tgtangtaag cagtgtttct ggcccctaag tattgctcgc cttgtgtatt 180  
 ttatttagtg tacagnacta caggtgcata ctctgggtcat tttcaagcc atgtnttatt 240  
 gtatctggtn tctactttat gtgagcaagg tttgctgtcc aaggtgtaaa tattcaacgg 300  
 gaataaaact ggcatggnaa ttattttttt gnntgtnttt tgttttttgg ctctttcaaa 360  
 ggtaatggcc catcnatgag catttttaac atactccata gtcttttcc tngngntag 420  
 gnctttattg ntattttttt cctgngggct ngggtggggg tttgtcatgg gggaaactgcc 480  
 ctttaaatat ttaagtgaac ctaccnaaaa acacaaaacg gtgatgggtt gngttangct 540  
 tgnatngaag gctgacttga catctnttgc cttgacctcc ggtatgtnt aaagctgnnt 600  
 ntgaanatct ggatcttgcc catccttttg gntagngccn ggnctaatta aatttggtt 660  
 tntccaatt ttttttact tcccttntc cccttncng gaaggcatta aaatgtngn 720  
 tgctgggggt cttttaanaa atgttttaa ccattttccn tggagnaaa naaattt 777

<210> 2310  
 <211> 1391  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1391)  
 <223> n = A,T,C or G

<400> 2310

gcnnnnngcn	nacnngnngn	nngnnnnncna	nnnnnnnnnn	ggnnnnngnnn	nnnnnnnnnn	60
cnncncnnna	nnnnngnngnn	nnngcgcggn	ncnanannnn	nnnnngngcnc	gcgnncnnnc	120
ncnnggcggn	ngnnnnnnnnn	cncgcgnncn	nnennngnecg	cnngnnnnant	cgcgngannn	180
gngnncgcnc	ncacnggcnn	nnanncgnnn	ncnngcncnn	gcnnncnnnn	ccnccnagn	240
ntngancacc	ttccntntaa	aaccaanncn	ccccccnct	nnnggggtng	nanngnanc	300
gcangncccc	annccnncnn	nngcggnng	ggncnngnng	ngggngngng	ggcgagnca	360
nnngtntttt	ttttnnngcn	tgccnanncc	gggngcngan	gacgacgggg	gggggtgncg	420
aannngcng	gcncgcggg	gtnnngnngc	ttangcnncc	nacaangggc	gcncgancgg	480
gaccnggcnc	ngtnannngn	gncttgannc	ngnaanacgc	agngtgcgng	acacggnnac	540
nacgtcgang	agtgnnnacc	ataaggagan	gggnngggnc	acaggcgacg	ngnnnaggna	600
gggaagganc	cngnnggcgg	ngncngncnn	gacnacncac	cngncgcggc	gcggnacnnc	660
nnccgacanc	ccgganacgc	ggngcggcna	cgcgngcggn	ngggngacng	cacggnnann	720
gncgncncac	naggngncan	cgnnnngcct	ggngcngcnc	ngnnntgncn	cnangggang	780
gtnnncnaan	nnggncgagc	anggaagng	acgacanata	antcggaac	ngggcnanna	840
nnngngnggg	gggnnggcgc	ngggccaggn	agcgngcatn	ncgncnana	nngnacaang	900
ggcnnnangc	nnccatgna	ngggggaggg	gccncacggg	aggggcgcgg	gaagacnacc	960
cngggngggg	ngacngggan	gnntatgggn	ggaccnngnc	cntgggcnc	aagcaanggg	1020
nggngnacc	cnnngngctc	ncncgcctca	gnaaaantnc	cngnanangn	tnangcccca	1080
cgggcgngcg	ngtggngng	ggggacgccc	cnggtananc	cccnnggnta	ncnctctagg	1140
aagggcngga	cgggcccngg	gaggaaaanc	nctngggcaa	ccccggggga	nggcccggan	1200
nggcnggcac	gnagngggcc	gnngaagtan	acacccagcg	cggnnccgncn	cangaccnng	1260
gggcnancnn	gngnccaagg	anctnctggn	cgccagggcg	ggcaagggtga	gggngtnc	1320
acncgnanaa	agacgagggg	gcgcgggcgc	gcgcgcangn	cnggggggng	ggggccgatg	1380
ggccggnnnn	g					1391

<210> 2311  
 <211> 736  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(736)  
 <223> n = A,T,C or G

<400> 2311

nnnttaaacc	ncgnatcgca	nacagccaaa	cagaccttct	gtttcatgaa	caggcgtgtt	60
atatctgcta	acccatatct	agggggcacc	tccaacggct	atgccaccc	cagcgggacg	120
gcacttcatt	atgacgatgt	ccggtgcac	aacggctcgt	gggaaccgga	agacggcttt	180
cctgcttcct	gcagcagagg	cttgggagaa	gaggtgcttt	atgataacgc	aggcctgtac	240
gataacttgc	cgctccgca	catctttgcc	cgctactctc	ctgctgacag	aaaggcctct	300
aggctgtctg	ctgacaagct	gtcctctaac	cattacaaat	accctgcctc	cgctcagtct	360
gtcactaata	cctcttctgt	ggggagggcg	tctctcgggc	tcaactcgca	ggtacggcat	420
cttcttctgt	aagattctag	aaccaccttc	aagtcacatt	gctccaacag	agttttgcaa	480
cttgtagtaa	atgggactca	tcaaaggcaa	agcataatgt	gtntnttttt	ctcaactaga	540
atataatttg	cagcctgact	accaaggaa	tgatgaaata	tttcttaacg	agctcatggn	600
ttatctganc	actgtgtttn	tttgcccaca	tntggctctt	tttctgttnt	tggaaaantt	660
cccccantga	aattttngng	aattatgtca	acttaaangg	cagagaagtt	tnaaaagaaa	720
ccgggttata	aaactt					736

<210> 2312  
 <211> 774  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(774)  
 <223> n = A,T,C or G

<400> 2312  
 tcnatncgnt cagctcttgt tctttttgca ggatccctcg attcgaattc ggcacgagaa 60  
 aaatatgggc tgggattaca ggcgtgagcc accacaccca gcctttcttt tagtgcttta 120  
 aatatattgg ccctctgcct tctggcctcc aagtttctga tgaaaaatct gcttgtcatt 180  
 ttattgagga tcccttgtat gtgacaagtt tcttccctct tgctactttc aggattctaa 240  
 ctttgcattt caaaagttag actataatgt gtctcagtggt gggctctctt gagttcattt 300  
 tacttgaggt tacttgagct gcttggtatgt ttatatgcat gtctttcatc aaatttgga 360  
 agttttcagc cattatttct tcaaacatag tcataagctg cataatgaca ttttggcat 420  
 caatgaactg catatatgat ggtggtctc aaagattata atactgtatt tttactgnac 480  
 tttttatggt tatatgtact tagatacaca aatcttacca ttgtgttata attgcctaag 540  
 tattaataac agtaacatgc tgtcatattt gtagccttgg agcaataaag ttatatacca 600  
 tataagttta ngatataccag tagcctatac cattgttaggc ttggtataag tactctctac 660  
 gatngttcac accaatggtt ggaaaatcac atgaaggatg tatttctca naaacatatt 720  
 ttttgggttg ttaaagtgga tgccatgaac tgggtantct tctctgncc cttt 774

<210> 2313  
 <211> 729  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(729)  
 <223> n = A,T,C or G

<400> 2313  
 nttaaaccce ntgcgattcg gcacgaggcg atgnnnnatn ctgntnaatg tncctnnan 60  
 tntnaccnna cggntgnact tcaatgtnt ngtgaannac tcacncaggg atcgctcgc 120  
 cntnnaggnc gtgannatna ggtgnncaat agnntgtgac gcaccgtgca aggnaatggn 180  
 cggcaagcat ctgggnnaaa anaancntac nctttggctg ctcttgaaga atgaannacg 240  
 acgncnccn gcngaacnag aagcnnntga aaacagactg annngnccnc ggangaagaa 300  
 ctggacntgn gntgatntgg cangngagcn atcactatgg ggnaaacatg actattatnt 360  
 cnttnnnngn ngtgcnntng ngncngtnn gtnagccnng ctcatcannc annatggcan 420  
 nnnnnaantg ntgggntctt tcacngncnn tnncttggg tntntannan tngttcnanc 480  
 cngnntattn caanntgnct tttntngann atgntntata ttgacatnca tntgngnatt 540  
 ctntnaggtn tntgtgagan ggacantntg tnaaactcta tcttanntnt ngtcctntga 600  
 ccgncaccta nagtantgtg tncaagtga cncctgactg aaactaaaan ttntgntacc 660  
 gcttagctta ntngctgact tacntncttt tggncattgg gctnccctga ctttctntc 720  
 atttaatca 729

<210> 2314  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens  
 <220>



<221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 2314

tattatnecn	tcantactt	gttctttttg	caggatccca	tcgattcgaa	ttcggcacga	60
gataaaacag	gaatttttga	gcgggttgac	cgaaggttag	tgtacaaatt	tggaaaaaat	120
gcacacgggt	ggcaggaaga	caagctatga	tctgctccag	gcatcaagct	cattttatgg	180
atctctgtct	tttaaaacaa	tcagattgca	atagacattc	gaaaggcttc	atcttcttct	240
cttttttttt	aacctgcaaa	catgctgata	aaatttctcc	acatctcagc	ttacatttgg	300
attcagagtt	gttgtctacg	gagggtgaga	gcagaaactc	ttaagaaatc	ctttcttctc	360
cctaagggga	tgaggggatg	atctttttgt	gtgtcttgat	caaactttat	tttcctagag	420
ttgtggaatg	acaacagccc	atgccattga	tgtgtatcag	agaaaaacta	ttcaattctg	480
ccattagaga	cacatccaat	gctcccatcc	caaagggttca	aaagttttca	aataactgtg	540
gcagctcacc	aaaggtgggg	gaaagcatga	ttagtttgca	ggttatggta	ggagaggggtg	600
agatataaga	catacatact	ttaagatttt	aaattattaa	agtcaaaaaat	ncatagaaaa	660
gtatcccttt	tttttttggg	gacgggttct	cactatgttg	cccagggctg	gtcttgaact	720
cctatgctca	agtgaatcct	ccccctcggc	ctnccaaagt			760

<210> 2315  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2315

nannatccgt	tctccgcntg	ctgcctgnng	cangatccca	tcgatnccga	attccgcgcg	60
cnngcaatgt	atccntatgc	cnantgtngt	tgcantanca	ctggancgag	ggtttacnan	120
gcgggtgcntg	nnaaaaccn	ntngttaccc	agnnaaatng	acttgcaata	cattcancta	180
gcgcgcgnnt	gnnntcataa	ttcantgggn	mntatccnat	cgcnccttct	aangagatgn	240
ctctctggct	ntctnttgc	ctctcantgg	aaccgggnat	tgnatannaa	antcntgntn	300
ncaanctcnn	tctccctnat	ngngnacngc	aactacctaa	tcttgaacag	atatgctaata	360
ttcgctaact	ctcnggtctg	ccctncccca	tcccttggt	ncncagnaca	cattccnntg	420
aantaaggnt	tcnanataca	tgnnctatnct	atnnntatnn	nnggcaacnt	gnattagggt	480
gantntatan	ntatanntnc	atatgcntga	tganagctga	taanntnnac	nttgnatttc	540
nnctgtctat	atgagannac	tctcgtgnaa	actggacaac	ctcancctan	atctggctnt	600
ttttaanttt	aaaaggntat	cacgaattca	ncgagcncgt	aaaatccgct	anttgcnnga	660
annnactcga	cattcgcata	tgcctcgcnc	acatttccng	atnngncgnt	cacntcantn	720
tancnngnnt	acacncn					737

<210> 2316  
 <211> 728  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(728)  
 <223> n = A,T,C or G

<400> 2316

nttnaacc	tttcganc	gcacgacag	atctttcagg	tcattccggag	ctgcaatcga	60
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agtctggaga cagacgagga ggacagcccc agtgaaggaa acagctccag gaaaagctcc 120
ttgaaggata aaagccgatg gcagtttata attggagatt tgttggaattc agacaatgac 180
atctttgagc aatccaaaga atacgactct catgggtcag aggactcaca gaaggccttc 240
gaccatggga cggagctcat cccttggtac gtgctgtcca tccaagccga tgtgcaccag 300
ttcctgctgc agggggccac ggtcatccac tacgaccagg acacacacct ctctgcccgc 360
tgcttcctcc agcttcagcc cgacaatagc accttgacct gggtaaagcc cacaactgcc 420
tccccagcca gcagtaaagc aaaacttgggt gtacttaata acacagctga gcctggaaaa 480
ttcccactac tgggtaatgc tggattaagt agcctgacgg aaggggtctt ggatcttttt 540
gcagtgaagg ctgtatacat gggccaccct ggcattgata tacacactgt gtgtgttcag 600
aacaactgg gtagcatgtt cctgtcaaag actgggtgtga cattgctcta tgggcttcag 660
accacagaca acagattatt gcacttcgtg gcacccaaag cacacagcta aaatgctctt 720
tagcgat 728

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&lt;210&gt; 2317

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2317

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antttgaccc ctttcgantic ggcacgagac aatctctagt ctaaaagatg ggggcaaggc 60
agcccaggca aatgtaagaa taggcgatgt ggttctcagc attgatggaa taaatgcaca 120
aggaatgact catcttgaaag cccagaataa gattaagggt tgtacaggct ctttgaatat 180
gactctgcaa agagcatctg ctgcacccaa gcctgagccg gtccctgttc aaaagggaga 240
acctaaagaa gtagttaaac ctgtgccccat tacatctcct gctgtgtcca aagtcacttc 300
cacaacaac atggcctaca ataaggcacc acggcctttt ggttctgtgt cttcaccaaa 360
agtcacatcc atcccatcac catcgtctgc cttcacccca gcccatgcga ccacctcacc 420
acatgcttcc ccttcacccg tggctgcccgt cactcctccc ctgttcgctg catctggact 480
gcatgctaata gccaatctta gtgctgacca gtctccatct gcatgagcg ctggtaaaac 540
tgcagntaat gtcccacggc agcccacagt caccancgtg tgttcccgag acttcttcag 600
gagctagcag agggacanga nnaagaggat ccccgagggt acagtaaaac aagcaaaaat 660
gggnccacca agaaaacaca attgtggagc cgcttntaca gaagttttat tcatnttacc 720
cccttcacag nggatnccag ccaagaaaat 750

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&lt;210&gt; 2318

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2318

```

nttatccttn caactcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga 60
ccacgtcata tacagcctac aaagagctct tgactgtgag ctgcagagg cccagttgca 120
taccactgcc attgacaaag agggctcncg ggctgttaaa gcgggagctt atgtgcttg 180
ccaggaagca aaggaagata taaagagtca ttcagaaaat gtctctcaac atccacttca 240
tgtagaagta ttacactcag agattatggc tcacagaaa tttgctttgc gtctnggttc 300
ctggatgaac aaaattatga gctattcaag tgactttagg catatctttt gccagcatg 360
ccttagagaa gaacctgact cggagaatcc ctgtctcata agcagggttaa tgctttggga 420

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tgcaaaagctt	tataaaaggtg	cccgttaagat	ccttcatgaa	ttgatcttca	gcagtttttt	480
tatggagatg	gaatacanaa	aactctttgc	tatggaattt	gtgaagtatt	ataaacaact	540
gcanaaagaa	tatatnagtg	atgatcatga	cagaagtatc	tctataactg	cacttcagtt	600
cagatgtnta	ctgggnctac	tctggctcga	catcttattg	aaaacagaat	gttatctntg	660
tcattactga	aactctgntn	taagttttac	ctgagtnctt	ggacaggaac	antaaattcn	720
acttccangg	ttatgccngg	acanattggn	aagatt			756

&lt;210&gt; 2319

&lt;211&gt; 760

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2319

atatccgttc	aactacttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgagg	60
agttctacag	gtggagtgtg	gggccagaa	ggggctcagg	tcttaggggt	gtcatctgaa	120
aaaacagaga	tggatgatgg	acaccagttc	taggagccct	ctgcatggcc	actttctgcc	180
tcagctcttc	taaagcattt	cttctgttcc	cttccattgg	ggtaaccact	gatctgtctt	240
cccaaaaact	gagtcagaag	ttggactttg	ttacttggct	catctacatt	taagatatag	300
tcagaaaaaa	aatgcagtct	ttacatctta	agaaagctta	catgggccag	gcgcagtggc	360
tcacacctgt	aatcccagca	ctttgggagg	ccaagggtgg	cggatcacct	gaggtcagga	420
gttcgagacc	agcctcaaca	tggagaaacc	ccatctctac	caaaaatata	aaacttagcc	480
aggcatgggt	gcttgctcct	gtactcccag	ctacttgggg	ggctgaagtg	ggaggattgc	540
atgagcccag	aagtgggagg	ttgcagttag	ctgagacgag	atcgaccacc	tgcactctac	600
ctgggtgaca	gtgagaactt	gtctcaaaaa	ataaataaat	aaataaaatc	cattaaattg	660
ccaaaaaana	aaannnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnaactnggc	ctttaaaact	ttngggagnc	nnttncntan			760

&lt;210&gt; 2320

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2320

tnnttgacan	ctttcgantc	ggcacgagga	acatatgaaa	atacaactta	aataataaac	60
agtggaaat	aaggaaaagca	ataaatgaat	gggctgagct	gcctgtaact	tgagagtaga	120
tggtttgagc	ctgagcagag	acatgactca	gcctgttcca	tgaaggcaga	gccatggacc	180
acgcaggaag	ggcctacagc	ccattttctc	atacgactg	gtatgtgtgg	atgatgctgc	240
cagggcgcca	tcgccaagta	agaaagtga	gcaaatcaga	aacttgtgaa	gtggaaatgt	300
tctaaaggtg	gtgaggcaat	aaaaatcata	gtactctttg	tagcaaaatt	cttaagtatg	360
ttattttctg	ttgaagttta	caatcaaagg	aaaatagtaa	tgttttatac	tgtttactga	420
aagaaaaaga	cctatgagca	cataggactc	tagacggcat	ccaccgggag	gccagagctg	480
agcactcaac	ccgggaggca	ggctccagcc	tcancagggt	cngagcccgt	cacttgcacc	540
aagttctcact	ggctgcagta	tgacatttca	cnggagattt	cttgntgctc	aaaaaatgag	600
ctcgcttttg	tcaattgaca	ggttcttttt	tcttactaaa	cctgtacttt	ttgtaaatat	660
acatagcatg	taatggtatc	ttnaaagtgt	gtttctatgt	gacaattttg	tacaaatttg	720
ttattttcca	tt					732

<210> 2321  
 <211> 1025  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1025)  
 <223> n = A,T,C or G

<400> 2321  
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 tcgcctatnt ggtnggctga ntagaaccaa tggactnggg ggtgcccacg gngggctcct 180  
 nngngctgggg aatccaanaa cnagggattn aataaganct accntgggcn tnccttacc 240  
 aaanngccna cttgcttcca tttgncgnga accntcaacc cccttgatg gncggatat 300  
 ncaaaactaan gaacnggaac cctaaaagg nccnntnctg cccannntnn tngnaantcc 360  
 ccanncggt ttcnancct tttccttggc cccctcgcn gaaggcaatt anctgnttg 420  
 ggccccctg anccaaccn ttnaaaaatc cttgngcagg cccctnncng gccattgat 480  
 nnggaccacc ggtnggnttc cncannanc cgaaccgaa angggaaana aacatggng 540  
 ggtaaangaa ccnttaattg ccaggatcc ttttttngg ananttaatg ggngaaaaac 600  
 ctcaaagnaa anngntggg ccnaaataat tgggggggcc ccttaccaaa atgatggtt 660  
 nttncnaaaa ctatcctaca ntgattgctn naagaacaca atacctggcn cccnccgag 720  
 gacaangtca anttgctcna aaagangaaa acnggttntn tctttcaagn tacttcttt 780  
 ggaacncgnc ncaanggang aactcgaanc ttctacaaca anttngtgg cnnncagccc 840  
 ttaagaactt nncganngcc ttgaaagnaa caaanaaagg gttttgaacc gtgctnaanc 900  
 aatttncctg gaaacgatcc anantcttg gcccttggca atgttttcag gtgcntaan 960  
 aaaaaacagg gtggcaccia gcattggagc cttaanaaaa actaataacc taagtangtt 1020  
 ancan 1025

<210> 2322  
 <211> 717  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(717)  
 <223> n = A,T,C or G

<400> 2322  
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 ttataagcc tgttgattgt ttagatacgg ttagccagt ttatagttac cctgggtgct 120  
 gaaaggatg ctggatgata cctaaccaac agagaacat tgaatgccgt tcaaaatgga 180  
 ctgaagcatc agcaatgtct gaaaaaggcc tgacagtaat gtacatgtca aatggcccg 240  
 aatttaagca gagtagagta agtagaagaa taaacatggg gaaagttcca gcaacagagg 300  
 aggcctttgag cttttgctct tcactcttgag tggatgttgt tctcaggtgg taataggcca 360  
 tcgagcttcc tccactggct gncctctctg ggaacaaata acccgaaaag atactcagca 420  
 ccctgggttg tacatagggtg gtcagttgat ttatacttcc tgggtttcag tgttgcttga 480  
 attttctaaa tggaaacaca gtacctttat aatcagaaaa caatcccnag ttttgatttg 540  
 aggtgtgtgt aaaaaagggt natanttttn tattataata agctccnng nccntnttaa 600  
 aaaacntttt gggggngcgn tnttangntg anaatcccca nancttgann nagatatanc 660  
 tttgtnatgt ngtttngggg nanaaacnc nctctctnan aatataatnn ctncctg 717

<210> 2323  
 <211> 773

<212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 2323  
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 gatagccac ctcatgttcc tgttcctgaa ctctcaacag acactgttat aaatgtgatc 120  
 actaatatga caaccacat ncagagtctc tttccaaatc tccaggtttt ccctgcgctt 180  
 gggtaatcat gactattggc cacaggatca actgcctgta gtccaccaag taaagtgtac 240  
 aatgcagtag caaacctctg gaaccatggc tagatgaaga aagctattag tactttaagg 300  
 gaaaggtggt ttttatttca cagaaagtta caactaatcc aaaccttagg atcatcagtc 360  
 taaaacacaa acttgtacta cggcccaaata ataataacac tgaacaagac ttgacccagc 420  
 caaccagttt gaattggctag aaagtacatt gaacaactct cagcagaata aggagaaggt 480  
 gtatatcata gcacatgttc cagtggggta tctgccatct tcacagaaca tcacagcaat 540  
 gagagaatac tataatgaga aattgataga tttttttcaa aaatacagtg atgtcattgc 600  
 aggacaattt atggacacac tcacagagac agcattatgg ttcttttcaga taaaaaaagg 660  
 aagtcagta aattcttttg gttgtggctn ctgctgttac acccagtga gagtggttta 720  
 gaaaaacngn accaccnatn ctggtatcag actgtttcaa ntatgaacct cgg 773

<210> 2324  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2324  
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 ctcaacagac actgttataa atgtgatcac taatatgaca accaccatcc agagtctctt 120  
 tccaaatctc caggttttcc ctgcgctggg taatcatgac tattggccac aggatcaact 180  
 gcctgtagtc accagtaaaag tgtacaatgc agtagcaaac ctctggaaac catggctaga 240  
 tgaagaagct attagtactt taaggaaaagg tgggttttat tcacagaaag ttacaactaa 300  
 tccaaacctt aggatcatca gtctaaacac aaacttgtac tacggcccaa atataatgac 360  
 actgaacaag actgaccag ccaaccagtt tgaatggcta gaaagtacat tgaacaactc 420  
 tcagcagaat aaggagaagg tgtatatcat agcacatgtt ccagtggggt atctgccatc 480  
 ttcacagAAC atcacagcaa tgagagaata ctataatgag aaattgatag atatttttca 540  
 aaaatacagt gatgtcattg caggacaatt ttatggacac actcacagag acagcattat 600  
 gggtctttca gataaaaaag ggaagtccag taaattcttt gtttgggct cctgctgtta 660  
 caccagtgga agaagtgggt tagaaaaaca gaccaaccaa tcctgggtatc agactgggtc 720  
 agtatgatcc tcg 733

<210> 2325  
 <211> 897  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(897)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2325

atantccntc	taacttctgc	ctgaggtega	ctctagagga	tccccggtac	cgactngaaa	60
naaanatata	ttgagccttg	ngacgagccc	atntctnctg	taaatnangg	gntccntttc	120
tgactagaaan	ncnncagtg	ntctngggccc	ataagtnttg	ctgcnccttg	gtntttttatt	180
ttagnngtnc	atgaacctac	aanggtggcg	tcacttctgg	gtacantttt	ttcaaaccac	240
atngttttca	ntcngccntt	ntngttgntc	ctaaacttgt	aactgccccca	cncctnanggc	300
tgnnggcctt	tattnnnaan	gggcngtcan	aaantntttt	tngatngccn	gngngnaaaa	360
ttaaaaaaa	anccttngggc	caaanggggg	gtaaaaactc	tncattttgt	cttctttnngg	420
ggttctcngn	tttatttctt	ttngncecgg	ttttncecgn	gmncttccct	tttttccaan	480
anagnntttt	atatgggtgt	ccccctatcc	ccaatnggaa	gccagtccecg	gggttanacca	540
ncnccctccc	taaccncct	ttattacccc	ngnggggncg	tccnccggttc	agggnatccc	600
caaatttant	tgnttcttga	nggggccntt	ggtncngnaa	aaaanccttg	gnggggacctg	660
tnnctttcaa	cattattngg	gcnnctctct	naaaaaancn	ngtttttnng	ccntttgncc	720
gtgngaagcc	ccnnttttta	nncnaggggn	nnnttttttn	nacttgggan	aacnattanc	780
ctnntntggg	tattnttgg	ntanacngan	tttgcnnntt	cgcttggta	aaannactnt	840
tacaaaaanta	ccgattacaa	attacctcat	tctgnggnat	gcacntctgg	gagnttn	897

&lt;210&gt; 2326

&lt;211&gt; 874

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(874)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2326

ntctctnctta	nataatntta	tatcnanttt	attattttan	ntnntctctt	tnananannn	60
tngtnttann	ntngttannn	ttactnntta	nnancnnnnn	nnntntntga	accccttaaa	120
acnnnnncgag	tnanantcac	anatgactgn	ncgatatagn	aaagctatgt	agacatnttt	180
ggagctctta	ctgtncataa	ctgnacagct	gtgcttaaaa	cccttatttc	atataaatgg	240
ccttaagttt	tctaattcaa	gcggtttttt	ggaaaaatnt	atggtctcca	ttaaaaatata	300
tattacaact	ggggtagatt	atttgtggtc	cagtgtctgt	gatttaacct	tgcgttttgc	360
tatctgattt	ttatttttca	caggggctaa	gcagtgactt	tcattctcac	tcactcttaa	420
tttgtcgagc	gtcactacac	atgcaccgtg	ttgcagtcce	ttgagccctt	gtnttggttaa	480
tctgtgatgg	agtgtgaatt	gtgtaacggg	cactgngttt	acactctcag	gtgtttggcg	540
gggcgggtcg	cagacttcaa	tggtccccctn	acggaaaagg	ccaggetncc	ngtggacggc	600
caaacttncc	tgccccgctc	cttcagcang	tgactgtctc	tgccantttc	ttacctggct	660
gaaggattct	tgctcaagta	agctggaaca	aatgctgctt	gtcacacagn	ctttttctnt	720
tgaaactttt	angaaggctc	ccttngtnca	ccaaggcaan	tggggagctt	gtagaaccaa	780
cccgannncc	actttgcccc	acaattcant	tgctnacctg	gcnttcaact	gngaaataan	840
gtttaaaggt	ncaccggggg	actttctnct	taag			874

&lt;210&gt; 2327

&lt;211&gt; 730

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(730)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2327

ttgacncnt	tcgantcggc	acgaggagct	gatacctgcat	catgcccggg	ccagcgagtg	60
cagggacgtg	gaggggttca	aaaccgagat	ggccatgctg	gtgaccag	ccaggaagaa	120
caccatcacc	ctggagaagc	ttcatgtgtc	cagccttctc	tctagtgtct	ttagttgct	180
ggatgactca	caaggtaaag	cttgagagca	actttgcctc	cattgtgttt	gccatcatgg	240
tggtggaggg	gcttggccgc	tactggacc	ccaaactgga	catcctggag	gcagcgaggc	300
ccttctcctc	acggcccagt	gtgcccccg	tgatggggca	gtggcctctg	tgggcccttg	360
tcaagagctg	gaggccactc	ccaagagcct	ctcctatggc	agctgggacg	ttttaaaatt	420
gggacaccaa	tttcaaagt	aacctnncag	tggtggaagg	cacaccatgg	cttctctgct	480
tggtttgagg	gtctgttcaa	aagctttggg	ccaattaggg	agtaaaagga	gggaaggggc	540
ctatccattc	cattgtggaa	gctgggccag	gtgccaggga	cactctcctt	cagggaaaat	600
gttatgtgga	ggaggacgaa	taaatttatt	ttgttttaa	aaaaaaaaa	aaaaaaaaact	660
cgnnccttta	aaactnttag	gggagnntn	ttaccgtaa	atccanactt	gataaaaana	720
nattgatgaa						730

&lt;210&gt; 2328

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(855)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2328

nnatcctntc	tcagcttgc	gcctgcaggt	cgactctaga	ggatcccctg	tacacgagct	60
ccaannnanc	ctatantgag	ccntnttaca	annccnctgg	ncgccgtaaa	ncangggntn	120
ngaantntgan	naanaantan	gcaantgttn	ctgnncnta	agtattgctg	ncttgccctat	180
tttactagt	taccnatact	acaagngcgt	actctggctn	tttttcaacn	catgttntat	240
cgctcnagtt	ttctacttta	tgtgagcaag	ggttgctgtn	caaggtgtaa	atattcaacg	300
ggaataaaac	tgccatggga	aatttttntc	acgnccnnnn	cncccttttt	gnctctttca	360
aaggtnatn	ncccatccat	gancnnntt	ttccnctcc	aatnttttaa	tcnggggnc	420
ccttnagggt	atcnannnta	ngngttctgn	gggctggggt	gggggnttgt	cntgggggaa	480
ctgcccttta	antnttaagn	nacactacca	gaaaaacaca	anaaaggtna	tggnnacngn	540
gtgnatgcc	tggatttgga	aaagctnggg	nctccgancn	tctnttngn	ccttggnncn	600
nacggntatn	antcttanna	gctggggtnt	tnantttctt	ggnaancctg	gnnccgntc	660
aatttttgng	ctttttnga	cccnggntt	tgattttaa	aaanggggtc	tcttnccatt	720
taaccnaaaa	tacctttanc	cttctaaatt	cctttncnt	nnaaaggctn	tccccttgn	780
cagatncncg	ngggacnccg	annaanttgn	tcntaacc	antttttgat	gggggggtat	840
atanaacccc	atntt					855

&lt;210&gt; 2329

&lt;211&gt; 1194

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1194)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2329

gatnnntnaa	acncccttn	tttnccaaa	aanccttacc	ctgggtgtgc	tttttttttg	60
gnnaagggn	aaacccccn	atccggaatn	tnccnncat	atcntgngna	accggaatnc	120
catctcagga	ctacacatgt	atggagaana	tgaccgcata	ttttttttat	tcaaancgcc	180

tacatatata	tcacctcgca	ccagacagng	gggggttttn	ttntntnaa	cnaanngcna	240
ggntaccnct	nactgangaa	gnaaaactaa	naaaatnnat	ccacagtaat	ananaaaaaa	300
acnnatgnat	caannngnac	cagaatanca	agcnatanca	ncanccaaca	nanannagan	360
actnnngaaa	aaacanaaca	ccntntntac	naanaaanna	cacgannnta	naattgatta	420
cagacgnaaa	nncantnnaa	aaataacccat	nccttatcnt	antaaanttc	aaaaanntcn	480
tacaaaaaac	annaatanga	ntaaaacnaa	nttcncannn	aganagnana	gaaanacgaa	540
aaatanatnn	ncattanncg	ntnnanctat	ancacanaac	nctganaann	cccaaantat	600
gnaaataaac	ttntntntnn	caaacngnnc	atncgancnn	tgaaatnanc	atactaatnt	660
anaaaanncn	ccanathann	cactaaaaaa	tnnacanaat	aaacnacact	anancgtatt	720
nanngtanaca	ntnaacnatn	gnganntgat	cctncacatt	atntacnaca	taacacatan	780
antgtntntc	ttngananca	tnnacanncg	nnacatatat	agtatnnata	ctcatnaccg	840
tnncannata	tntaacactc	gatctaaana	gatacatatn	caatananga	aatagaaact	900
naatanatna	atatcgagag	gatctanntn	taagcaaaac	tnanantatc	ncttangtnc	960
ataaannatn	gtccnactna	nctatcaaca	taanatagnn	tanacatttt	acctctaccg	1020
cgnngcgttca	tntatcaaca	cacaataatt	atcgcantn	atntactaaa	aaactccnnn	1080
atatntnctn	ccgacatnan	atatctgtaa	agaaatgtat	actactancg	cntngaana	1140
ctatatgatc	acnttaacnc	tnacgnnang	taanatntat	ntntnnncnn	ncgt	1194

&lt;210&gt; 2330

&lt;211&gt; 727

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(727)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2330

ttnancaccg	ntcgaattcg	gcacgagcac	aggccctttt	gtgatgcgtt	ccacgtgtag	60
gagatgtggt	ggcccgcggc	tccatcatca	tatcgccctg	tgtggtctgc	aggggagcag	120
gacaagccaa	gcagaaaaag	cgagtgtatga	tccctgtgcc	tgaggagtc	gaggatggcc	180
agaccgtgag	gatgcctgtg	ggaaaaagg	aaattttcat	tacgttcagg	gtgcagaaaa	240
gccctgtgtt	ccggaggggac	ggcgagaca	tccactccga	cctctttatt	tctatagccc	300
aaggtctctt	gactgactcc	gtcccagatc	ttctcagctt	aacggctgaa	gactgacact	360
gcccgatcgc	ctcagaagcc	cccagaccatc	acggatgccg	agcttcgggt	aactctcgca	420
gtggaaggat	gcttcttatg	gtcaaagaca	ttcatcttcc	tgataggaat	gaagtggaaa	480
gctccagcaa	caacagtcaa	gtaatggctg	gctcttcact	tgaaaattat	acaatataaa	540
aaccgtgttt	atgaactctt	tataatatta	tctttattat	ttctataaaa	gcagaatagc	600
atgtgtgtat	gtgatttaat	tctaactgtg	caaataaaac	cattaaaaac	aaaaaaaaaa	660
aaaaaaaaact	cggccnttta	aaacttttgg	gnggcntttc	cgtaaatccc	aacctgaaaa	720
natectt						727

&lt;210&gt; 2331

&lt;211&gt; 1120

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1120)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2331

nttatnecgtt	acaagencct	ggctntttgc	gcanccctc	gattncatt	ccgngccagg	60
ggnggggaag	aaatncccn	nnaattgggt	gcnccctc	aaaggggcn	ncttgggcgc	120



```

ggccncctt aaccgtnga tgggaananc cggagnataa ggaaggtnc tannctnggt 180
gggntcctta taaaatttcc tcngatncc ttggagaagg cggacntcan ngttttanan 240
cagnttattg tcngtcnca gatctctaaa tncatttttg ganctanctt ttgaccctt 300
taggtcagaa anaaaatctt ggaagcctg gggctttcct ggaaggggtca aagaaggtaa 360
ctttcagggg nttaagcca ggaattggg ccattatttg caccacctt aaacctttc 420
cggannatcc attcaagcct ggccttttc aaaaccattt ttaaatttng ggccagggg 480
tttattggaa ttgggncaa aaaaattccc aggggaaatt cancccttca agccaggttt 540
aaaattaaaa aanttaaaaa ttaaattntt ttggggnccn aattanttgg ttacccccgg 600
aaaaattttt ccccaaaaat nggggaaaag tnggcctttn ttccttgggg gagggagggc 660
ccaggaaaan ccantgggaa tggggaccn aaaaggggt ttcgggaagg gaaaaaaanc 720
caaancttcc nccncccc ttanttggna aaatttttgg gaattttttt ttcccaaaa 780
aaaggggtcc ttantttng gggnaaattn ccccttcgg tnccttgggt cctttncccc 840
gggaaanccc nccnggcc ccggttntt tccanccaag gnaaaacctt tttntttcca 900
aaaaaccctt tggggggggg aatgggttcc ccttantttt tgggaatggg nttttttttg 960
gccttngggg ggggtttngg gggnccccct ttttgggncc nnttttncce cggtttggnc 1020
ccaaaaggga aaaaaaac tgggcncct ggggtntttt tggnccccaa tnggaatcct 1080
tccaaattcc cctgggnaat tccttcatt taaaaatngg 1120

```

&lt;210&gt; 2332

&lt;211&gt; 720

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(720)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2332

```

nctaaccntt ttcgaaccgg cacgagggcc agncagctgc tcacactgna caccacctct 60
atnntcctgc gctntgacc tgctgcctcc tgcccggacg cccgectgct gncngnntgc 120
gagggcgat gctgctgntg ggacgtncgg ctggaccacc cccaaaagag gaggtgtgt 180
gaagtggaa tcgtnttntc tgagggtccc gagcatntgg acggagagtg gatgggctgg 240
catttgtgaa tgaggacatc gtngcctcca angggagcgg ncngngcacc atctgcctgt 300
ggagntggat gcaaatntgg gggggacng gcaancagna canaatgnca ttggnggtnc 360
ttngctgct gcnatggana gccaccgatt tgccactta tcctcagacc ctgnnctgat 420
aaggggattg tgctctgagg ggatgatacg gcaacntgtg gctctacgat gtaacgaaa 480
tntgaagca ngacaccnct gatgctggtg nccatgtngg ntgcacacag atactganat 540
gnncccaacc ccttggccct tgnccaagt gngacaaaa ccatggtnaa nacantgggt 600
gganaatgnn tcttcacata cctgnacgac atganggact acanaattta ccatctggng 660
gangatgtag acntacacca tcccaaaagn accnnngnca cannttanta anttattnt 720

```

&lt;210&gt; 2333

&lt;211&gt; 789

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(789)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2333

```

cctaactctt tcaaccccng gctttttgca ggaccctcga ttcaatttcc gcacgaggag 60
agtggcncn taaaaagctt tttttgagna cggggaccn naaaggacca ccnnngncag 120
gaccngattn aaagaattnt ngaccngccn gggggggacc ttcaanaacc cancttgaga 180

```

```

gggtccaacg ngaagggagc tntntttgaa gagatgctgn cncactgca catgtcacaa 240
agtgtcagat gnagaatttt agggctggan ggaagatgta aaagatgaaa aatgttttcc 300
ttatcacttt tctttctcca ccactcagt tgtctaagaa gaaataacac tgtaaggaaa 360
tttaaaaaaa aaacatttag aggattatgc ttgttttgag tgggtgcataa gggaaaaaac 420
tgactttttt ttccatattc tgatttttaa ccagaaaagc cactcattta atagatgtag 480
gggaaaccta gatattgctg ctttttgaa tgggggtagg ggggggttac ctgggttttt 540
atgaccagg ccntaagatc tattatattt gctttttaa taggcagat gtggaaatac 600
catcttggt tgagatgcca ttgaggattt ttaatttatt ggaaagcaca ccatatgcca 660
ttatatttat tggaaatcct anatgccagt attgggntat ttaaattggt naaactttat 720
gaaaacctgg gaaaagggtg ttcaagggtt ataaaaagcc ttaagtgatg ccnnccctct 780
ttaaaanct 789

```

```

<210> 2334
<211> 794
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(794)
<223> n = A,T,C or G

```

```

<400> 2334
cttgaaccc tcgantcgcc cgcacgangg atttcttggg gntggggacc tattntcann 60
gctttnggcn tntggntacc nggggttnna gattangggc ctttnatacc tnnngnncn 120
ncaaatTTTT ttgncggatn aagatngtnt gttngtanct aangtnaanc ttnnaaccng 180
accctctccc ngttttanta angntttttt gcaacctnct ggtaaatngc aaaatcaatg 240
gccaatggtt aaccaaagaa ggaaaacgtt ggggtgggac tttgtctctt gcaccggtat 300
ttcaggaaca atctggcttg ccatcccccac agctctttta aactggctat ttatgtgtgc 360
ctttcattct tacatttcta atcatactgc aggaaaaaca ttggattcag ctttagactg 420
anggaaaact ctccattatg ttgtaaagaa attatagatg tttagagagac acttttttgt 480
taaaccagat attggactcc agcaactatt ggggggtata tttttagttc attgntctca 540
tttaatggct aaaatatccc tttatatgtt gcttttaaat aaattttcct ttttttcctt 600
tttttttttt tttaaaccgg gagmctccc ttnttggttn cccagggcctt gganggggca 660
aggggcaaca naaacttngg ggttttttgg naaccctttt gnttttnccc angggtnaag 720
gccggaanaa tnccgggant tcagcccttt cggggagnaag ggggggcncct ttcanggggg 780
cgtggcccn ctng 794

```

```

<210> 2335
<211> 729
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(729)
<223> n = A,T,C or G

```

```

<400> 2335
ntttnaaacc cccttttnna aacangggaa cagtgtgtaa ggaacttgtg cacatcactg 60
actggtaccc cactctcatt tcactggctg aaggacagat tgatgaggac attcaactag 120
atggctatga tatctgggag accataagtg agggctcttcg ctcacccga gtagatattt 180
tgcataacat tgaccccata tacaccaagg caaaaaatgg ctcctgggca gcaggctatg 240
ggatctggaa cactgcaatc cagtcagcca tcagagtgca gcaactggaaa ttgcttacag 300
gaaatcctgg ctacagcgac tgggtcccc ctcagtcttt cagcaacctg ggaccgaacc 360
ggtggcacia tgaacggatc acctgtgcaa ctggcaaaag tgtatggctt ttcaacatca 420

```

```

cagccgaccc atatgagagg gtggacctat ctaacaggta tccaggaatc gtgaagaagc 480
tcctacggag gctctcacag ttcaacaaaa ctgcagtgcc ggtcagggtat ccccccaag 540
accccagaag taaccctagg ctcaatggag gggctctggg accatgggtat aaagaggaaa 600
ccaagaaaaa gaaccaagcc aaaatcaggc tgagaaaaag ccaaagaaaa gccaaaaaaa 660
aaaaaaaaa ctcggncctt taaaactatt gggngcntnt tcctaaatcc ccacntgata 720
anatccntg 729

```

```

<210> 2336
<211> 825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(825)
<223> n = A,T,C or G

```

```

<400> 2336
agtgaacctt tgnactcnnt tttttgagga ccatcgattc nattcggacn aggttggaag 60
tgaangcatt ttttttnttg gentatatcc ntgacatatg gggggnantt ttaaaacnac 120
ngngcctaac cgtgttntaa aactttggna gtaaatgaac nttnagaatc cnttttgata 180
aacctgctgt aaangttttt tcccccttgg ngaangtttt ctaactttgc ntgggtaatg 240
gcaattnact aggtgcgngn gttctaaagt tcgaaggcac gatatgcgtg tccatcctta 300
ccaaaggatg gggaccgcaa accgagccgc caccggcact aacctatgac cttctgacct 360
ctgaactctt acccatngat gacctgacca tgcctgcctg ctgatcaagt taactgggta 420
atgccttttg cnttgctgt cgtcagtggc anccgaagcc tgaggcactt gntccgttcc 480
gtcttanctt tntaacccaa accaaaagga caaaagaaaa ttggttggn cttcnacctc 540
ancntttttt ttttttttct ctgggttggg gtggaaaaag tgggttctaa aaaactgcac 600
ttggaataag ttangtaaaa gccaattaag ggncccaatt tcattccac aagcacttgg 660
atcaatcttt ttaaataatc ccanccttta agccgaaccg ggtaagaaag ggccctnttt 720
ttaaanaaag ggggaaaaaa agatnggncc ttaactanc tcaatggaca gaagggcagt 780
ttacctgggg gaaaaaaact tnttanggaa atcttttttn ttttt 825

```

```

<210> 2337
<211> 778
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(778)
<223> n = A,T,C or G

```

```

<400> 2337
gactnactct ttnaactact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
agggatagcc cacctcatgt tccttttccct gaactctcaa cagacactgt tatanntgtg 120
atcactaata tgacaaccac catccagagt ctctttccaa atctccagggt tccctgccc 180
tgggtaatca tgactattgg ccacaggatc aactgcctgt agtcaccagt aaagtgtaca 240
atgcagtagc aaacctctgg aaacctatgg tagatgaaga agctattagt actttaagga 300
aaggtgggtt ttattcacag aaagttacaa ctaatccaaa ccttaggatc atcagtctaa 360
acacaaactt gtactacngc ccanatataa tgacactgaa caagactgac ccagccaacc 420
agtttgaatg gctagaaaagt acattgaaca actctcagca gaataaggag aaggtgtata 480
tcatagcaca tgttccagtg gggatatctg catcttcaca gaacatcaca gcaatgagag 540
aatactataa tgagaaattg atagatattt tcaaaaatac agtgatgtca ttncaggaca 600
attttatgga cacactcaca gagacagcat tatggttctt tccagataaa aaaagggaag 660
ccagtaaatt cttttgtttg gtggctcctn ctgntacaac ccagtgnaag agtngtttta 720

```

gaaaaaacag accaccaatc ctgggtatta agactggttt cannaatgan ccctcggg. 778

<210> 2338  
 <211> 940  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(940)  
 <223> n = A,T,C or G

<400> 2338  
 cggggnnnnn nntnancntt nncgntncnc ctttttacct tccaggggcc tttggccctt 60  
 ttaannangg ttttttngga agaaaaanaa tggaacnttt gggaaaagna agntccaatg 120  
 gttgntggg tttggggccc acccgntttt tnattggggc cttttccttt tccaagnaag 180  
 ngtttcaaga accaangnaa angttattgg aatggaaagc cccttttaag ggtggtttac 240  
 cangaaaant ggcacctaaa aaatggggga ataaaaggac aaatcttcca aaatctttaa 300  
 ngggggancc tttcccttta ctacagaatt caaatgcgag atcttggagg ggttacaggg 360  
 gaaacgaggg tatcagttac ttcagcttcg actgcgcaga gagcatcatg gattggtatc 420  
 tattgttacc atttattaga agattatgaa atgcacaaag atttagaaaa ttaggaacca 480  
 cagcatcctg caagggtgta tgaatttagg actctcttat tcagatcaag tcttcgggag 540  
 caggctctat agagaacttt ggacatcttg acctatgaaa agcagatttg tgataacttg 600  
 ctgtagaaga aaccaaaggg ggaacttctt gttgccaact attgtcgttt gggaaaagaa 660  
 tgctgcagat gtttatagga ggatttgcaa agagaagaaa tccttgaaaa acttggggcc 720  
 ctattacca aaggcttttg gaaaaaagc cacttccaag cccnagcctt anattntggt 780  
 ttaagnaac cgggcnttaa aaaaaatttt attggaangg gaaagncccc tngggacctt 840  
 aaaattnttc cccaagggg ggaacttggg gtggcccnna nnaaaagggc ctggcccggt 900  
 ttnaaaaacc tttttttttt aattcttngg gggngggngg 940

<210> 2339  
 <211> 1481  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1481)  
 <223> n = A,T,C or G

<400> 2339  
 gnnnnnnnan gttnnananna nnnnnnnan ncnntnanna aggtnanntt nnnngaaggg 60  
 ggnngnnnaa nacgnnngnn nnnnnangtn ngatggngga ganannnnnn nnnnnnnng 120  
 ngcgggatnn nnnnnnnnn nnnnnnnnnn gnggaagtaa aaccctntt nccaanactn 180  
 cnccggnggg ncctttnttc anagaaaacn acaccgnggn gncccccnc ggtggggggn 240  
 agacgannca tcacatacng antntgtagn atntgaataa taatatttcn tgntcganat 300  
 ttactngctn ctgnactnna tgcggggggg gggggtgtct ttnatatnnt acgnatggcg 360  
 ncccnccat nnagtttaacn tanactangn ggnnngancn ggnncncgg gaacattnan 420  
 cnnnatgna ctgantcann naaccactga atcgcgntng tgnaaannnc tanngcttta 480  
 tgnacgaatn anggaaaaga atnttncnag cgcganantn gcaggcaann nnnantanna 540  
 gntncannng aaaacgtncn gnangncgta ngnacancng gtatnncgnt anangtnnta 600  
 acntnagncg gnntggtann tntagcantn nncgatgttn gcgagtanga gtancancnn 660  
 gatgangcga tatntgcac tcgnntatng tgagnatnta tgatacagnn agatcnggga 720  
 agacannaag ngcgcgatg ttgnaatata tngactgagt gnagcangcg cgacgnntcg 780  
 cactacacac gagangngtn nctcgcatth gancttgaat nnacaccgnc gacanacgan 840  
 tananatcgn agnntannga canatactgg gtatatctct acgacngana gngtatantg 900

```

actcctctta agggagagag tngnacanna gtgacgtnta cgacangnta cgacgagtnt 960
gcngagaaca gnagagacta anngantaca tatatgtnga tgtgaagcnt agtannggcn 1020
atctcgggtc gtatcnnaga tgtatcatag nntgacacgn cgtcncgagc ncacncanan 1080
cgcgtnncgc cntnacnnnc atnntgntat atnncngnnt gtgttacana tagaatntcn 1140
nactannnag cgnaatatna nnangcnata annncnnntg annacgacnc gctcncngnan 1200
nntgtntanta tgagaagtna atcangcnnt cgntnggaan natcgntgcn tntcgggcn 1260
nccngntnaa nttnnatgtg ngnnnnnagn nnntnnncta tnnatntann nantacagan 1320
ncgacangnn gnnaanagag tgtanntna cnaggatagn aagnnagggg ncnnnacgng 1380
ngaggngcng nagnnaaant gatgatgtaa ntanacanng caaanngtng gggantcnaa 1440
aacncgntna tancngnacg ncnnaggaga nagtnagcg n 1481

```

<210> 2340

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 2340

```

agtttananc cnetttantc ngccgagaat aaataatggg gacctgggta aatagcttct 60
ctacagccaa aanaaataat tgtcaaaata ancngancan cccccagaa ccgggagaaa 120
gantaggaac ttngtaanct gtgccntgtg gacaaaagaa cctagttttc cagaaacctc 180
caggggaact caaatcagcc aagaaaaata aataatccca ccaaaaagtg ggcaaatgac 240
atgaatagac atttctcaaa agaagatatg caaatgggtcg agaaacatat gaaaaaatgt 300
tcaacatccc taatcattag agaaatgcaa attaaaacca cagtggagatt atcagcttat 360
tcggtctaga atggccatta ttagaaaatc aaaatacaat agatgtttgt gtggatgtgg 420
taatgcttat acactactgg tgggaatgta aattaataca acctttatgg aaaacagtat 480
ggagattcct taaagaacta aaagtagatc taccattcaa tccagcaatc ccctactggg 540
tatctatcca aaggaaaaga accattata tgaaaaagac acgtgccac atactcttat 600
tgcagaccaa ttcacaattt caaagatatg gaaccccta aatgcccatt gccaatgagt 660
gaataaagac aacgtgatgt atatgtattt cncctatgta atactactca ccctaaaang 720
gatgaagtat gtgtttgcac 740

```

<210> 2341

<211> 1704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1704)

<223> n = A,T,C or G

<400> 2341

```

nacgnngnaa nnaaganng ggnngggnnc nngnnaagan aacnnannnn naanangaac 60
gcancannnn acacangnga gagnaancan gnnccgnnaga cgncaaangc gcannncgan 120
annaanncga cgnnnnacnn ncagnnacag nncacggaga cgaacnnnac annncncagn 180
acagannaaa cacagcngc ncancanngc nncnnccccc cccnnnnccg nggaaacacc 240
cccttnnnan nccccncna gagaaaaangc gggcctcacg annncnacgn aacgaanggg 300
nccnaagnng gggngnaca aaaatttacc acaggggcca ggaacaacca ccgggggggg 360
caaactgncc aaggngcgag accatactnn ggcaagaaag ncaagncata ccagnacaac 420
ngaaaaacag caccaaggac ngactggcca aangnctgga gganggacaa cnaanangaa 480
ngnccgaaan aacgaagccn angcngcnna atggggnnnn accacgnann cncgaangaa 540

```

aganggacca	nnaanagngg	anngcngagg	gnacnnacaa	gnaanncgaa	nnaaggnnnn	600
ntgaagngaa	cnnannacac	naanngnagc	nnacncgann	cacggnacgc	cacagcagan	660
nccagacnna	ancnngcgga	aggcgagcg	aacgacacaa	ccggccccc	nngggggggg	720
cncgcnccaa	nggaggggca	caagnaaacc	aaagngggca	cgnnanatat	ncangnncga	780
anaaacanca	anganaaacg	cgcccagagc	aaaacanann	caagacacac	accacncncg	840
ggaggagggc	aganacngca	naaacagagc	gagcgagag	gngacaccaa	aaacnaacnc	900
agnacncngn	ggaagcaaan	agngnnngac	gnacnnnnnc	ngcgacggga	tacgngggag	960
agacancanc	acgnacannc	gaccganngc	gcgnagacan	agacagacca	ncnggcanac	1020
gagacngacg	ncacggnnaa	gatnacnnna	cgacnngacg	cgngacngag	agcagagaaa	1080
anacggggcg	naagaaacac	gnaannngnc	acacgcgcac	ananagnan	anangnaaac	1140
gacnnaaaga	caggaggagg	aaagngggga	cacgngannc	anncagaccg	acacnngagt	1200
gngacacagc	gggagaaaca	cgngactaan	acacgaacac	gcagcnanac	acagagnaga	1260
cagcgangaa	gacacagnna	caagcgcgna	cgacgacacg	nacgnaaagc	naacngacac	1320
gcgnacgang	angcncngac	accacgagaa	cgacganccg	ananacacnn	gngaaagacg	1380
cncncgngag	acanacgcac	gntgnacgga	aagcganana	ncgagacacg	angagacnac	1440
ncgcacacaa	cacnnanang	cgnggacaga	ncacgcacaa	cagccgacac	ncgcgnnncg	1500
cggcncaccn	nacncgcgga	cnncaancnc	gncaacgnnc	ncncnngcgc	ngagacacnn	1560
cgcacncaga	gacagaacgn	gnnnacacng	acagnggann	cnacacacaa	gcnnancncg	1620
gcgnagacgg	nncganagac	ngacgagaa	ncacncacaa	acgcngnnaa	cgnnnggnaa	1680
cancnngccg	nanencacaa	nccg				1704

&lt;210&gt; 2342

&lt;211&gt; 815

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(815)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2342

gatctacatc	tcctnttact	cagntcttgg	gcattggcct	tgtnagngtt	gcgaacctct	60
tagnagggaa	tcccccantc	tgngcacacc	gcaagccaat	ctnnattnaa	aagtacgnta	120
natecccttat	agngtagnga	ntttttnta	ngtaaanacn	aaaattttcn	ccctcgnncc	180
cgctnaaant	naccgggggg	ggggggccgc	ttttttttt	tnnaactata	gcaaaaaaaa	240
aataatctct	ctcgagcat	gntataacce	naaaaaattt	naatatactn	tccttatggg	300
ctcncettaac	taaatnncac	tttttttcgn	ntaaantttc	ngtcnnnact	aatatnttna	360
aattnagggc	ctcaaaatnt	aatncttata	tttaccnaac	ntngttccnc	aaanctnact	420
annaaatntn	tatectnnct	ntntnnnggc	ataaaacacc	anacngngtg	atgggttanc	480
gcagngcgac	cnnttnantt	gccagtccta	ctccenttnc	ttnttttatn	cttntntanc	540
ncanccatnn	nattatacta	annttnaaag	gattcacttt	tttccntaat	cncattnnta	600
aaccttacga	ttntncta	ttgtttanag	gcttcactct	gacannnata	taanggctgn	660
gtacttttta	atatagacna	ctgacanctn	acccatncgn	ntnttgatta	tatgatncca	720
atctgccttt	ttaaaaatac	tattanaann	ttaccaattn	naanattang	ntnannantc	780
gannttattn	tnancnttt	anaacattna	tacnn			815

&lt;210&gt; 2343

&lt;211&gt; 1440

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1440)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2343

```

aacacncacg actnttngtc aaaancgngn aaatannttg gcacnncatt ctcaaanccc      60
gaanatanca gcgnnttctn nnaaacatca gcgcgngaca cngcanattg nagatattnn      120
gagtataact agtgaatnna gncgnaaccg gnggataant ganagcntaa nnanacnagn      180
gacatcnngn ntncnncnnc gngtttgnaa aaccccccggt tacgcggcac atacacctnc      240
tgatnngnng ctatnngnng gagactcatg aagatcagcc gtncaacnct ananacnnc      300
tcgactactc ccacagcggg gagagngggg gganatctaa tcanganaca attnataatc      360
tattaactaa atnancnctg ganaccnnc anagnggggg ggggntgnga atnctnggag      420
acnanaaact naacnnantn tncnccctgn ttnatnactn ngannganan nnacggnang      480
anngnnagcc nanggagnat gatnaaacg cgatnnggga tacnngaag ncngtggnaa      540
gtanangan cgnatagnan nagananana atnatcggt nngaggngng nnggacatnc      600
cgatatntng ancgccntcn attgantnna nnnantntnn ncataaatnt nananttngg      660
ntgagnatan anncaangtt gnaatacna cnnnaanagt gnatnanntg ancgancnnc      720
ntncatacta ncttgncnnc nnaacctnct tgangcnnnt cgcncgnaat cntantgcga      780
nannacntnn nnggtnatgn angntnnga gantntanc cannnntnng nnatntanc      840
ncgnnttcnc natncgantn nncagngann ntnaannnng gnacgnccta tcntnacgct      900
gcnnanacag nnaangngcg tntctanac gnnaggnnct ancnncnncan cntgcancac      960
ncattgttca tagcagccan ntcncannnt acanagtngg tcncgaagan cctnancgaa      1020
nctgananan tangcangca ngnganagca canngnagan cgacatggtt ncgagggtgc      1080
gnatncnctt nagannagnn gacannncn gnactcncgc gcatanccgc cntananncg      1140
agctgctcnc ggtgcncant atganannna tctgtanan aacaaanang cngtggaact      1200
ncttatcatc agggncnct ctannnattg atacgtantc tnatagnnct aggnatnate      1260
nggcangacg gctgntggg gnnanncacg ttatacacna ncngcnnnag annannacta      1320
ngtnanncg gagnaganat gnangetcnc actactcnc anacganngc ntctgtncan      1380
aaganantgn ncanacaaan angataact gtgngncatg cgncaannag atacaccgcc      1440

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&lt;210&gt; 2344

&lt;211&gt; 919

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (919)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2344

```

gatannnct ntctcaagcn tgcagcctg caggctcact ctatagganc cccgngngcc      60
ganctcctnt aatatcntnc anatganttt tttaacaana ctgncctgcc cttctacggg      120
gggnnttttt tgactaaaaa natncntccn tttaacntan ttaacctnnc tgnagataac      180
nnccccnttn anccngctgg atntaataac taantaacnc cncaccnga tcgnccttcc      240
aaacattntc ngctncnatg antatngaen ngcctcnccc tncacnnacc aantcacncc      300
cgggnnggnt ntggntgggt nacnacacaa nnnatnatcan attcantatg ncannnnatc      360
taanctnnnc gttccttttn ctttntctacc ctntanttta ctnagacnan ngtagccct      420
gnntctnngt cnntcaaaanc ntttnaaant cnnanagctn ctttttaagg gntaccanga      480
tttaatgncn tttaannggg aaccttcan acccacaana aanaactttt nnnntaagg      540
tcggattggt tcnnantggt nnatgnggtc tattcngtcc ttgaaanann aatgggattt      600
ctnccnncn ctntctggan cgggattnta agnnccacnt tncnatntaa aattangncg      660
gnncttctt tgncccccac aacannngan ccnantaaac cccagctcct ttcnggngng      720
agnttaattt atttattgta ataaaaanaa gggaatttgc ntcacnantt ccnggacnta      780
attgaantaa aaaaatcagc tttntanaaa acaaannta acncaaat tccnaccaca      840
antantanc tncntaacca nntctntngc nagnnnntan ttcctcntta aanaactntg      900
gggggatttg naacncccc

```

&lt;210&gt; 2345

&lt;211&gt; 724

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(724)  
<223> n = A,T,C or G

<400> 2345  
ngttacncc ntcgctaatt cactcttcag tagcttctaa aaaataagca tcatcaatgc 60  
cattatccca gacagcatca gcagatgcac ctgttgacag cctgctaggt gatgggttta 120  
tgaggattct gggtttcatt gctcctagtt tcatctgctt catctgttgt aaactcttct 180  
tcctttattt cagtgggtgaa gggatagaga gtgggatagg aaaatattta ctcaggatat 240  
gtgatttaac cttataactct atgttgaagt aaggtattaa gtgacagata ctaaagtga 300  
tatgcaggag gaatgctgtc tccgatatct caccgtggga atgagtgcac tgattcaaac 360  
gttgctgcac tgaagctcag acacacttga aactccaaat ttgaaattac ctacagtctc 420  
gtgcacatac ttttcaatac tccccgacgg aagagcaagg gtggatttaa ttttttaaca 480  
agtggacagt ccagctgaag acaaatcaga agataaaattt gctatcttga caatggactt 540  
agtacccatg ctttaaattt taaagtattt agcaaatcgt aaacatggat tgaaaaaaga 600  
ttaaaaacag ttgccaaaaa aaaaaaaaac tcgnccttta aaactnttgg gnggcgtttt 660  
nccntaaatc cnaacttgan aanaactttg ttgggttngg acaancncac cntaaaaann 720  
nnnn 724

<210> 2346  
<211> 1085  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1085)  
<223> n = A,T,C or G

<400> 2346  
nengacnctt ncaactccng ngnttttaan gaaccnccg ggcccccnnc ggggnggtcc 60  
ctaattctta ccaacnacn nttncctcgt cacnnaanc cctcgacggn ngggntnttt 120  
ttttnnnaaa cccttaaaac cctcnaatn aagacctcnn ancgntnncc gnggatnnat 180  
gaatatecna tnaccnctg ttnactnccc ntannntnt tacnagang nncngnttcg 240  
cnaccnccgg cacnctccgc annnatngtc cncgngncg ttcgtataat aanntncntc 300  
gctacggggg tngggancat acggatctcn cnacaatana cctctgatan ataannccga 360  
aggcctcggn caatnntctn cgtccgtacc tntcgactct tcananatnc ngncntactn 420  
catcnntgtg nncnccgacg cntccccatc gntggcggnn tngcggtnta ctngtgaana 480  
ntcatntctg cnnacgaacn tnencatnca ntatttgagg gcaacacnnt ccnctacaaa 540  
ntnncccca tcngcgcag gnggtctac ncanacatnn nnntatnntc cctnntcgcc 600  
nnnaacncag gnnaagnnct cnggatccac ccnccgnaan antnaaatac tntccnntg 660  
antnacctat nanagnngt tngcccnnc naangtcntc ntntccaccn tcttntangn 720  
tnnnaatngt accnntcnn anngaggcga ncnnnnnn anaagancca ntaatcaatn 780  
cnetgcecca tngnnntnaa nttctctaa cncnaacana ntgaanatcn atcncccgctc 840  
nenggggtana ananangana taacnncnnn cntccgcgac natangttnn gnnnttgacc 900  
ccctactata acncanacnn acnncngnnn gnnngtncg cntnatggac nacgacctat 960  
caaancccn anatacgngn cnattccnna tcnntctct gaattatggn gncnngcaan 1020  
ngacnccnc ncnangtgnc nnntgncnnc ganntncatc cnggntccan agcaantnnn 1080  
ngnccg 1085

<210> 2347  
<211> 749



<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(749)  
<223> n = A,T,C or G

<400> 2347

agntttgaac	cccttaccag	tacnccgcna	agannatttc	aacnnnngtg	nttnanncct	60
atgaganntt	gctgnaceta	ctganccctan	gactgcaccn	attcnanctc	natnnagnat	120
gagatgncnn	annggacata	ttctcnanng	nacnngctan	atcttntata	naccntggag	180
gctngtgana	aantcgcana	nnctcaacct	gaatnngcca	tnnnngacnt	tganacattg	240
gnaacgctag	accctaagaa	natactgcaa	tgagngctgt	gcntttgaac	nctatgacta	300
nnagcaagcc	ngggangttn	tgntcagnt	nanannctct	ntanatattg	aagagaannt	360
catgtttctg	aagactccct	ncaatgtgga	tangataacn	naatancaan	ntgaagnann	420
tgctgngcgn	aneggcnnc	acctntnann	ccntnactcn	tngaagcccn	ngtnnnntna	480
tgncnaagtc	ctgactncat	nacnanttcg	gtnnanataa	tgnnngccna	tcgntgcnaa	540
nnatnccnca	tgaanccgng	catnngggcn	cttnccngta	ntcncngctn	cctggtaggc	600
cnaggcangn	gaatcagctt	aaaccccgtn	anggganagt	tgctgngggc	ctagatnacn	660
caactgggnt	tncagcntng	ggccaccaga	ggggagactt	aattctttgn	aagngtgngt	720
ncnatgaana	cnntnannat	tnttggtnt				749

<210> 2348  
<211> 1678  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(1678)  
<223> n = A,T,C or G

<400> 2348

acntnacnna	agnatcgnnn	nncaannnnc	ncaanntcga	agcnanacn	cancnannaa	60
cnaggggngg	atactnannn	naacncnaan	acgctngaca	cggaangnnn	nnnnnnnnac	120
ccnnnnanan	tnnntntncg	angcagegaa	nacancnata	nnggtctgat	atacnantac	180
acacagcnnc	ngccancenc	acanancna	tntacagcta	cgcgcccccc	tntanngaag	240
tatcaatata	cgcgangtga	ncgtacgnan	acanctnaca	caccnnttt	tttctncaa	300
ncangncgna	cccantnaan	nnacgcggcg	gngggagggg	ngtanatatt	attcnanac	360
atanaaatnc	gcntaccnnc	tancaccnan	cncnataaac	acncaanaan	nagaccnaaa	420
tgaaatgaca	nttanccgaa	antanccacn	acacnncgna	tgcaactnnc	ntcacangna	480
gaaanancaa	tnatantatc	ancaacactc	cntacnacn	netcnngca	natnccaanc	540
catantnaan	cataantntn	gactacnntn	nannggttaa	cnacgtntag	acaaannaga	600
ngtctcnnaa	cacnaanata	ttctnncgtn	ncaantannc	acccctnaac	atctacanga	660
tataaanann	cacgacaata	cncnttcata	ncatntncnc	agcacacgan	nganancnat	720
gactnncgat	ntannttnnn	nanncataa	agacgcntac	acatnnntna	anccnacaca	780
ntntcacnna	naaccgacag	atcaaannta	atgcagnatc	cgntcnctca	ancnacgaac	840
gacaatgcta	ctacatacgc	ngagcgaccn	agaaacnact	aangatcnaa	ntcggaacn	900
cacggncgtn	ntnmntgata	gacaaaccga	cacaagacga	cnaacgtaac	cacgancata	960
cnnccaacac	anncgannna	tanncgatc	taaagacact	gaatcnatnc	gccaatanga	1020
nagcgctctg	tncgagatac	ncactaagta	anccatacnn	cggagnaaga	cagggaaaga	1080
tcgncacggg	aaagncngn	atactgaaag	nnncnnnact	acacncgnaa	cgtgtnaaan	1140
gtaacnacgc	natcgacctc	acacgaccgn	cagcctntnn	acacanagag	aaagcgacg	1200
cancacngna	aangacngt	tcgnccaaca	natnccncaa	acganctgtn	aaacgcangg	1260
cacaagtnc	ggnanatntn	ncgncacatt	acatcgngta	atccncaagc	nactatnaaa	1320

actnncnctc	ncacacnnat	gngagtcaan	cgcnaatan	cgcggcgaac	aaatggccta	1380
taacanncta	caanatacgc	agctacatna	ctacgcacgt	caagcgcccg	atnanacega	1440
canatnnntg	atacacnaca	ccacacatnn	ntactnnnga	tnccntncag	nngacangac	1500
ncnngtaant	agnncntncc	tcgcnatntn	tcactnnanc	gnagnnacna	cnananaant	1560
gcatacagc	antcaaagag	gatggacacn	tnncnnanga	tanncnanag	ctacatcnat	1620
annnatnnnt	ngagcnctng	atatncaanc	tnnactcac	aaacacatcn	agtgnccgn	1678

&lt;210&gt; 2349

&lt;211&gt; 1424

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1424)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2349

gtactcgtna	anaaaccccc	cctnttttac	ccaaaaaccc	tttacctctn	ggnnttnctt	60
ttttttttgt	ccnaatggca	aatccncccc	atttcgggga	gttcccnccc	cccnatnag	120
gggtggagcgg	ananaannntn	accnaccac	ntcacnanaa	nagggcgctct	nanantcnc	180
natantacnt	atatatnatc	aannmccacn	ataccttaat	actatcgaca	nancnacta	240
tnngaggggg	gggggggtat	ttttttttat	gcannacata	aaaanntggn	tatcactacn	300
ctanacnctt	antcatacac	gacatctnaa	tataactnta	ncataatnaa	nnncataac	360
caatnntaan	atncattttc	gnngatnntt	ttcaaacnna	aataaatnta	nttanctctt	420
annattaaan	aaaganaatn	anttcactca	ctnctngant	anataaantn	ntactncaa	480
naataantnt	catacaatta	nanantaca	tnanttnnnt	atcnacanaca	nacnnntan	540
tnnantatnn	cattatacac	tacnaagana	tattacatnt	anctacanaca	tantctgntn	600
tattctcatn	tnatanaaat	nnnatnacna	ccntanataa	tnatgcatan	mntntataac	660
ntnatatntt	nctnnatacn	tatatacatt	atatacanta	agatataatc	ntntnacana	720
cnanactcatc	atnantccgn	attnaatnta	cacgtacaca	aatcatgnta	cnncctacna	780
taaancntcg	ntatntacat	aaaaacacaa	atgannacac	actaaatnaa	tcaaanattc	840
atactcgtat	ntctcatgtn	antacacntn	ctacngagac	tgnantacac	atatacacta	900
tcnctgtan	aatnngtgaa	atatnataaa	nacgaccnga	ttgccgagtc	atnngataaa	960
tcanacactg	tcaantctcn	cnananatgc	annactacta	tcaacataat	annataanat	1020
anancctctt	atatcattat	ncctnatata	tacnctaata	cattnataat	gannaatanc	1080
tatnacaata	cattatgaca	ataatcaana	tctacactnt	aacnatatca	tnatnatatn	1140
tatanagcac	ttatataata	nnactantnt	naacanatat	ntctagacat	nacaaactnt	1200
natnacacga	tanataatnt	atntntanaa	aatanatatn	ncccttgcta	tnatnanang	1260
gntaatnctt	aactactcnt	aagannatat	ttatcanata	ctaacnnnan	naatntccac	1320
nngnatctat	antatncngt	actaaaaaat	nnatntaaan	nacntntnnn	tcatnaaagt	1380
anacaattat	aatacanaaa	cctcntaaat	antntncana	aang		1424

&lt;210&gt; 2350

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(723)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2350

tanacnntcc	aaatgtggga	actgncnaaa	cnaannngan	caacntcaac	ggngtncnta	60
acntaatent	aatngcntcc	cgagacatcg	cggntgggga	ggagctcctg	tatgactatg	120

```

gggaccgcag canggcttcc nttgaagccc acccggggct gaagcattaa ccggtgggcc 180
ccgtgccctc cccgccccac tttcccttct tcaaaggaca aagtgccctc aaaggaatt 240
gaattttttt tttacacact taatcttagc ggattacttc agatgttttt aaaaagtata 300
ttaagatgcc ttttcactgt agtattttaa tatctgttac aggtttccaa ggtggacttg 360
aacagatggc cttatattac caaaactttt atattctagt tgtttttgta ctttttttgc 420
atacaagccg aacgtttgtg cttcccgtgc atgcagtcaa agactcagca caggtttttag 480
aggaaatagt caaacatgaa ctaggaagcc aggtgagtct cttttctcca gtggaagagc 540
cgggaccttc ccctgcaccc ccgacatcca gggacggggt gtgaggaaaa cncctgcctcc 600
aatggcctgg acgggatgtt tccaagctct tgttccccta acgtctcaac angcgtcac 660
tgaagtgtat gaatattttt taaaaanggt tttgcagtaa gctaattctt ccctntgctt 720
ttc 723

```

<210> 2351  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

```

<400> 2351
tganncnntc gantcggcac gagcttcata taatgannct atnangncna aggnaaatta 60
nncaaangtt aagncnntgn gtccaaggnc nttcanntna aaaangganc ngggattnga 120
acctaaagta nccataaaat ccttcctttt ctacaccacc atggtacctc ctatagtaag 180
ctgaattttg cctctaagct actagtcctc acaatttagt ttacaagtca tctggggcat 240
aaaaaccaga cacctagacc ttatgtagag attgctacag cacaggaaca ggtgtcttag 300
caagcatgac gtacaactaa gatgtgggtt accatggaac ccaatttgaa agtaatagtt 360
ttacattcta aggtattcca actatttttt ttcccttaagt ttcacatctt gatagaccct 420
ctacgggaatc tcttctccta aagcttgttt ttacagtgat cttgccattc ctggtaccat 480
acacattatc atctggtctg tggttcactt ttttttttaa atcattgaac cctccttcac 540
ctggtctttt aaagccaaaa gcttttctgg agccccaga tcaccocact atgtacttcc 600
tcatatttag gcagtttaca aaacattcac atttgggtatc tctgactctt aaaacatncc 660
tngtagaan gcacaacagc tattattttc attttggagg ngaaaaanac cagggtacac 720
tgct 724

```

<210> 2352  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

```

<400> 2352
gntattcgtt cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga 60
gatagtctct gaatttagaa ctgggacgaa agtgtncata ataggctntt ataaaaattt 120
tagaattgga tttctaaact tggggtcagt gaatctagca ggcttaagca gtgttctcag 180
gtttttctgg cacagacaag gaatataaga ggaggagaga aaaggagaga cagtatggg 240
gaggggaatag aatgagagaa gatagaaaat atggaattaa tagagaaagg atacatgaag 300
tattacaaga ttttcttggg aaaattggca tttcagtgat ggatcaaaga tgtctaatga 360
ggcaaaatac tactattact taaatattta atgtttttaa gatttgagga taaaaggata 420
tagatctgat ggccgttcat actaattgct gtantgttga tgttggagag aggggtaatg 480

```

```

tatcaagaca gagcagacag accctttaca atgagagcag aagatatgtt gtttactgat      540
tctactttcc cacaaaatgc taatgctttt ataagtcctt cctccttatt ttctagatta      600
actccttggt ctttctctaa acagaggatt atngcagaca ggccaaaaaa aagcctctag      660
aactatagtg agtccggttt ccgtanatcc agacatgata agatnctttg atgagtttgg      720
acaaaccnc  actttgaatg ccgtggaaaa aatctttntt t                          761

```

```

<210> 2353
<211> 732
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

```

```

<400> 2353
ttanncnntc gantcngccg aggtcttttn nactnngtacc agcnnagnat nttttttttt      60
ntganatnat ttttgaatgc ttttgtgtgg aaccacatgc ntcataatag atncaaatcc      120
atgaaagtat aacagttaaa tactagatct tactttttca ggttttgatt tctcatctaa      180
actttccaat gctttatcag tgaagcaaac taactcacat tgactagcct gctctccttt      240
agcaaaccct tcaataaat gcctcatttg ctcctcacca ctatcatttt agattggcca      300
gacagttggt acttaccttt taagaatgag gagacaggta gccgggtgcg gtgggtcaca      360
cctgtaatcc caacactttg ggaggctgag gcgggtggat cactgaggtca ggagatcaag      420
accatcctgg ctaacacggt gaaaccccgct ctgtactaaa aatacaaaaa attagtcagg      480
tgtgttggtg ggcacctgta gtcccagcta cttgggaggc tgaggcagga gaatggcatg      540
aaccggggag gcggagctgg cagtgagctg agaccacacc actgcactcc acctgggtga      600
cagagtgaga ttccgtctca aaaaaaaaaa aaaaaaaaaa acntcggccc tttaaaaatt      660
tttggggggn ngttttcccg gnaaacccca acttntaaaa aaaacctttt gtggagnttg      720
ggcaaaaccn nt                          732

```

```

<210> 2354
<211> 757
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(757)
<223> n = A,T,C or G

```

```

<400> 2354
gntatncgtt cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga      60
aaaatatggg ctgggattac aggcgtgagc caccacaccc agcctttctt ttagtgcttt      120
aaatatattg gccctctgcc ttctggcctc caagtttctg gatgaaaaat ctgcttgta      180
ttttattgag gatcccttgt atgtgacaag tttcttcctt cttgctactt tcaggattct      240
aactttgcat ttcaaaagtt agactataat gtgtctcagt gtgggtctct ttgagttcat      300
tttacttgga gttacttgag ctgcttggat gtttatatgc atgtctttca tcaaatgttg      360
gaagttttca gccattattc ttcaaacata gtcataagct gcataatgac attttggtca      420
tcaatgaact gcatatatga tgggtggcctc aaagattata atactgtatt tttactgnac      480
ttttatggtt tatatgtact tagatcacia atacttacca ttgtgttata attgcctaag      540
tattaaatac agtaacatgc tgtacatatt tgtagccttg gagcaataag ttatatacca      600
tatagtttag gtatacagta gctataccat gtaggcttgg tataagtact ctctacgatg      660
ttcacacaat gttgaaatca catganggat gtattctcan aacataattt tgggtggtaa      720
ngggatgcat gactgnattc tctctgcccc tttctntt                          757

```

<210> 2355  
 <211> 828  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (828)  
 <223> n = A,T,C or G

<400> 2355  
 tattatnctg tcaactactt gttctttttg cangatccct cgattcnaat tcggcacgan 60  
 ggnacnann tttntacact tngaaccoca cttttntccc tttgcccctt tgcngtgctn 120  
 ctttttgccg gaacccccct ttgttgcccg ttgaaaggc cgttnttggt gttganacgc 180  
 cggttgcccc nccccaaaa aggagggtnt ttaaattgna ntctntntt tntgaggnt 240  
 ccaaggcctt tggncggaaa gtggttggt gccttttgtn attgaggacn tcntggcctc 300  
 caaggggagc ggcctggcac cntctgcctg tgaactggag gcaacntggg gggccgggccc 360  
 accagtcacg antggcaatg ggtggctcctg gcccggtgc aatggctgct caccgaagtt 420  
 ggctactctn tcgcttaagc gccttgccct tgataanggg gattgtgctc tttgggggat 480  
 gaaganggca acgttggttg cttttacgac gtcagccaac atnctgaagc agcccacccc 540  
 ttgcttgccc ggcagccctt gcaggccccc acacagatcc tgaagtggcc ccaacccttg 600  
 ggccttggtc caagtggatg accaaaaacc atngtngaac acaagtnggt nggncaatgc 660  
 cttcctttaa ncttaacctt aaccggccct tgacnggaac ttccnaacat tcgtnaacc 720  
 atttttggg ggaagggtt ttaaccctt taaanaccâ ntttggnaaa aagggnacca 780  
 agggggaccc ccaagcttta actttaacnt ttantttcaa nccntttt 828

<210> 2356  
 <211> 1197  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (1197)  
 <223> n = A,T,C or G

<400> 2356  
 cgtcncncan ctngtgnatn antnatntnn gtgantntnn tntnttnt tgnnacntnn 60  
 tgttgnatgn ntgcgtgtn nntcatnag atttctnatt angtgnnng atctttgtgn 120  
 nangtgatta nttnnnnnnn nntatngaa acccccgnt cgaantcggc acgnncantg 180  
 ntctanttg tngnatgctg tctcnaact gtnggtagt atgttgngt ggggggnggg 240  
 ntccataca tcatannnt cntaaaattg ngangnttg atggagnggt ttttttntcn 300  
 agcnntttna aagctnagtn gnttgtnct ctntgccc gnnatagnng nntnnnggn 360  
 tgtgtccnnc ntnggttnna gntntntnt nttnnnntgn tannnnnat gtanctagnt 420  
 cataatttgt ntatnggaca ttncctact tataattaat ggtgnttnnn gtcnancg 480  
 attntntatn tnttctatt ntcanttnn tannnatntc cnggacgna tccatntgta 540  
 tattttcnen tatgnnngnn ccnnatggg gctttgtcac atngactnt gtactnnacc 600  
 nattgcccc ataaannttt tttccnca ngntttgaan ggngatanga caaaaaant 660  
 ggatctnctn tgtgcttnat ntntgannn ttntatntc gccgnatnt ntntnpannt 720  
 annnnnttn aatntgcat anctntant nngatganta tngtgntatg nntgntntn 780  
 tattatctat tcnantntt tacagntctn natntnnntn tntacnntt tttntatcn 840  
 tgtaatgtan gnatnagtnt ngtctgtatn ntntntcna ttncnnntnn tccctntata 900  
 tntatanant nactttancc nnnntntat ngntcgnntn tctntcatng tcttctatc 960  
 nctntntanc nntatntnt tttgntntn anatntaan cnatntngc naannanaa 1020  
 ttgntgnntn ctctgatnta tatgtctcn agctatctn natatcgnat tatgataatg 1080  
 tcnttactta nntanattcg nctattatt nntnacgtn tgantntnt agtgngattg 1140

acnttnttttt ttctntnnnt tancnttggt anntagtgnn nttmatcat ttnttng 1197

<210> 2357  
 <211> 921  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(921)  
 <223> n = A,T,C or G

<400> 2357  
 aagnnaacnt tnaacgagca ggcctccacg gccanncage tgctcacact ggacaccacc 60  
 tctatcctcc tgcgcctntg ccctgtnttt ntctgcccc gaacgcccgn ctgctggcnn 120  
 ngaaggcgag ggcggnangc cgctgaatgg gactttncgg nttggaacca acccccaaaa 180  
 aaagganggg nnttgttnaa aanaggaaaa ttcannattn tnntgnaggg cctcanaagg 240  
 nntnatggna annggagnan atngnaaatg ganatagcaa ttntggtnaa atggagggac 300  
 aatgngggang gncntccaaa gggggaaggc gggaccnngg gcncnaattc tgcctnttgg 360  
 gaagnttggg aangnaaaaa nntnnggggg ggggggnccg ggggcnaaat ccaggttnaa 420  
 aaaatnggan nagtgggnatg gnttcctnng anactgggct tgngaaaang gtaangtcca 480  
 atccnnangn gnggccttta tttattttgc ttaaaataac nctnatccng natntaaggg 540  
 gtaatttggg natacngntn nggggaantn anncanggtg ganatnatnt ggnttaatta 600  
 nataannaac ttanaaaaaa aattatanaa aanaangaaa tcccatatna tnanattaaa 660  
 caaaataana nnnanacntt tgaactanta aacnataatg aantncctca actaaaatnt 720  
 ngannaantt gaatttatga atcannantt caaatatana ttataattna ttaattntat 780  
 atanannatt antannattt nantatannt nnntacntaa nttataatct cttnaattta 840  
 nttannnana gaaaatanta anannncatn aaatnttnat taattttnaa tnnattnnct 900  
 gntatantan ganctntatn c 921

<210> 2358  
 <211> 870  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(870)  
 <223> n = A,T,C or G

<400> 2358  
 annctcttg actcctgtct ttgnggatcc ctggttcgaa ttngcacga gggantatcc 60  
 tggtnagggg gccttttttn cnggncttgg gggccttggg atcccggggg ttncagnntn 120  
 agggnccttn agtccttcan acccngcaaa tatcttgccg nnangaagna nggtngntnn 180  
 gtanctaagt taaacttaga ancagaccct cattcagttt tantaatgta ttttngcaan 240  
 ctactgtaaa tagcaaatca atgccantgt taaacaaaga ggaaacgttg tgtggncttg 300  
 gttctctngc accggtatctt canggaacat ctgcttgcga tccccacagc tctttaaaaa 360  
 ctggctatta tggngtgccc tttcattent accatttcta atcatacctg gcagggaaaa 420  
 aaacattggg attcagcctt aagactggag ggaaaaacct tctcccattt antggttggg 480  
 taaggaaaat tantaggatg gtttttgagg aagaccacct ttttttggtt aaaaccnag 540  
 aatatttggg acctccagc caacctatctt ggggggttaa taatttttta aggttcaatt 600  
 ggntcctnca attttaaatg cctaaaatat tcccttttat aattingcctt tnaataaatt 660  
 ttcccttttt ttcccttttt tttttttttt taagaccnng gggctctcgc ctcttggttg 720  
 gccaggcct tgggaggggc aannggcncn cnanccttgg cttttctggc aancctttng 780  
 cctnccagc ntcaagccga attcttctg gctttcaanc cttncggagg tagctnggga 840  
 ctacaggcgc catgccccnc natgccccan 870

<210> 2359  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(722)  
 <223> n = A,T,C or G

<400> 2359  
 ntttgaccnc gtatggcgcc gagaatagcc naattncnta gannaagaan caaaaanggca 60  
 atctgagtag aagaaataag gagaaaggag gagagggtgtg aaaaaaagtc ctttttctga 120  
 gaacaagcat tcaaacagat aaaacacagg ttccataaag aaaagttaaa tgtcccacta 180  
 ctatgagtca aaatgggtgca tttgcttttt cctgggtttt gattttattgc cctctgtttg 240  
 taccacacat tcgcacacctt ggcacagact gtcatatgtc acacattcag cctcctacac 300  
 ttccacccca caatctcttt accttccttc ttaatgttca cctcatttat ctttactcag 360  
 ctaaagtcac agcactagac agtgttccca caaccgtctt caaactcatc tgtatttcat 420  
 aatctctcct ctagtctaaa ccagcacagg tcagctgaaa ctctgaattc tacaataaaa 480  
 tatttagagg aagctaactt catcagacac tcccctatgc tctcagttca aacgaaagtt 540  
 tctgtttacat ttcacctacc tacagcctta cctcactcag ctacgattag actactcagc 600  
 aatgagttcc aacattgcct tgctaaaaag caaggnggct cacaacaag acttcagcaa 660  
 agatgcattn aaatgtgaag tctgcatttg gtcaaggcta ccttanatgg agtaatcatg 720  
 gg 722

<210> 2360  
 <211> 1335  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1335)  
 <223> n = A,T,C or G

<400> 2360  
 naggcagcc cncnctatga gaccccgca ccatggacaa gggaaggaca cgcccathtt 60  
 nncnggcnc acacgacaaa acgggggggn tnaaaanaac ngtncccacn tntctnnaaa 120  
 ccccgagcac ggnnngnnac cnaacgaaaa agnncnnaag gcantaancc nggcnggggc 180  
 anaacggcnc gcaacncccc cccnactggc tnaaagngga ncaccctaaa ccnngngnaa 240  
 acgancgggn gaaatcgggc canncaccaa acccaangng tgnnccgngn gnggncgtaa 300  
 anngtanana anacannccg anaaacggng cnaacctaaa nngacangng cgnntggcnc 360  
 accccaancn acccnagcaa cccacanaaa acggggcnan gcngnnagg nagaccacnc 420  
 tncnncntcg gaacacngng caggaccnc gcgncgann ngcataggng gcacacacac 480  
 tacnaaagg acnncnangan nggagcatca nagattacgc tcgganaccn acncaccccg 540  
 cggnataaan accggnanng aaaagcaagc gcgccacnag agnanggaca ctagataana 600  
 cccntcgca naccnncnat cggaccnna cngnncacng nggagcacan gtgannccc 660  
 taagangtga angaacnctg ggggngcaaa aanacacgc gacacncaat atnggggcta 720  
 tctacgaaac ccancggata cagcagtnca anancnagcn ngaaacacac gnnnnggcnc 780  
 tgggaaanac gcacaatcng caaggcacnn acccgaaacn nncgatatgc acnnncaacc 840  
 nctctacctt anangcgcca aacgagacna nctannaaag nacaccgtga acaggggaaac 900  
 aacatctgng gncantgaca cactnatcgc acacaannac gtncaaggca tangnagaat 960  
 ncacgnagnn aanacgagna taacagnggg nnaatnngac gggatncaaa aaaannggcn 1020  
 ncgagcagta catcaaggca canaacntga gcaantcncg caacacanaa ggacacgcgn 1080  
 naagnanac caaatannta ncggggacnc ccncacgtaa nananagtcn cnagaacgaa 1140  
 actntcattg ngagaccnaa ncagntcaca gnangantct tncgaccaac cnnntgnaaa 1200

cacgcaccgg ggaaaannaa nangccancn caaccaaanc aagcgggana cnnaaagngg 1260  
 cgcncnacc ngatgnnacn ncannaaggc aagntcacag ncggaangan ctnnnnancc 1320  
 aactnnnagc cgcnc 1335

<210> 2361  
 <211> 1082  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1082)  
 <223> n = A,T,C or G

<400> 2361  
 tnnnnnnnnnn nnnnnnnnatn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60  
 nnnnnnnnnnn tnnnnnnnnna nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 120  
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 180  
 naaacaccnn cannnnnnnnn tananatnna nnnnnnnnnnn cccactgan gnnnaaccna 240  
 tnanngnnnt gggactgggc tgantntaca gattgatgag gacattcaac taggatggct 300  
 atgatatctg ggagaccata agtganggtc ttcgctcacc ccgagtagat atttngcatt 360  
 acanttgacc ccataacac caaggcaaaa aatggctcct ggcagcang ctatggggat 420  
 ctggaacact gnaatccaat cagncattca agagggcagc actggaaaaan ttgcttaca 480  
 gggaaattct tgggttncca gcgaacttgg ggaccccccc ttnaggcntt ntntaagcaa 540  
 acccngggat aanatcgntn taatggggct ccaaatncaa ccnggnattg cccntttggg 600  
 cctaactctg ngcnnaaaaa nggngntnnn tgggantttt aaatacaatg nanttcctcn 660  
 nccccaannc atgnnnangg gcnannnnanc nngaccttac tcngcgaagc ccnnnnnanc 720  
 nnttcanaana tgnanatnna nnnacantnn ctannnnnat ggcantntnt anagaanaaa 780  
 gtatntannn cgttcttgc acatcnnccg anattnttt atcncntntn tnaannacc 840  
 cccaagaaaag ntnacccct tagggcttaa ntgggagggg ggttctgggg ggnccnttg 900  
 ntttacaagn gggnaacccc atnaaaanng gaaggcccaa cngcaaanat tnangetctt 960  
 gnngcacaaa ccaancctnn aantncctca naanacataa nnnnnngctg ccgggntnng 1020  
 nttctntnna tctctctntn ttttnnaann atcttctctt tcnattnnnn nnnctcaaat 1080  
 cc 1082

<210> 2362  
 <211> 1687  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1687)  
 <223> n = A,T,C or G

<400> 2362  
 taanncccca annacnann caantcnnnn ctgatntnec aancnnangn nttttatctt 60  
 acanttcaaa naangggggn acnnnacata anctngaent taannncgaa ntegnccnga 120  
 ggnacacann nnnccgcan acctnntatg cmtgggnatc aacttgacna aacatactnc 180  
 tcactnccct ncnacactct ccatntcncn cactatanc tctctnatct atactanatt 240  
 tcatnccgc gntcagacat nttnnnnnn nctnannnc tctnaactca ataanacnnc 300  
 ctacnccctc actcatntca ttaagtngnn taccnactat acactntnta ccttctcncn 360  
 aatacnacac ntcnacatat attcngatnt ctacgnctat ntecnntatc tcnmcaacna 420  
 nactntcate ntcttannnc ntncatcta nntnnnnnn cgtnnccatn ngnnnactan 480  
 nacaacgctc acantcatna ttnatnncat ttcgcatgac ancnantctc ncctttnttc 540  
 acgnacanca ncngtccanc tacnncnta cnaactaat attnnctcgc tcaacantc 600



```

ntaatnnatn nnttcanttn ntntatcntt nnatnatnnn ctaaaanatgn attncttcnn 660
agctnntnctg cncgactntg ncaatccanc ntanatnacg ntnacnatcn tctnnacaat 720
gntcntcttt atcncatnctn cncntnntnn caccntntc tegtcatact ntccccatan 780
aatgatatat cntccanaca atntacgtgt natcaactac ncnttgntaga natgcagtat 840
accntcgant aanatcctc agtctcnacc tgacatntna ctntcacttn aattctcnac 900
ancntantnc antnaatnat acatcttact nactntnccg ctaacgctct acncgngaca 960
ttgtantcnc tatnatnatn tcnctactn actcngcata gacctcacnt gtanagantc 1020
tncananatg tcnngctnng tcntntgtgt aaccaanact attgctnaaa ctatcatntc 1080
cncctctccac tcactctatc ncactatant cntanccan ancnttnac tctntntata 1140
tcatatnant acacncgctc ancgtctcgn ntctntntn ntntctncanc cctntctntc 1200
tnatctcttc tcanntatna catacgcga tcatagcttc ncactatnct ncatatnttn 1260
tacacgataa cgcctnatct gcaactnnn cactantnan tnnctnncag tnactcnnct 1320
tgantcnnct acannnngac nnancatctc ntcccgann atnntctntg cntacnnnn 1380
nattcannct tcnactntn ncactatnta cncctggac aactnnatac tacnncgca 1440
tagctnatn cactcnnct acnnatctca cntactccac tgnnnnttac naacattcnn 1500
ntcatgatag atganatgcc nntnctacgn atnnantann ncnctntnt ntcatactnc 1560
gnaaannacg cgtagcnaac ttactccang tcnattncct cccaacatnt ntaactnata 1620
tnactctng nctcactacg nacncnatan cctcaatcnc cataaacnc ntatccanca 1680
tatccgn 1687

```

```

<210> 2363
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 2363
nnctaactctt gnaancccg cntttgcaga cccaanagga ccccggttac cgancncgca 60
tncgncnna agggagtttt ttnnaatcc actggcccg ngntccacag cggngggan 120
tggaagaaacg gtggcgctnc cggcctngac cgcgggngg ggananganc nnacacacnn 180
nntngcggac actcgaang gnnnaaannn ggcnncttg gaaggaagg aaaagannn 240
atnnccaata ggangaactg gtcaangaga tatcanngga aaaaagganc gaaatctnac 300
ntcttncnca caacatang cnagnnatat ncagacgatt atagacctaa atgtgaaagc 360
aagacacatc gtnncagatg ataatatagg agatgntca tgactntgca ttagtggaag 420
tgtnatnaac ctacaccag atgcctgtgc tgatactgac atgactataa tagagnngga 480
attngccagn ctgactcaa tgctgtctca tccaaccatc tttaataagg catcaccatg 540
tgctaccct nttaaggagc aactagaacc actaagacca aaagagaatc ctactcctt 600
cccttntcnc gntcgtcaa cctcttttg ntcaggatg nggnaactg gaagctaat 660
ntggaactac tgggatctt ggactnggga gccncaaga taccgaanc tggggattg 720
gncttacntg gaaaacacag catggggaaa taaacaatta aaacctnaaa naaaaaccaa 780

```

```

<210> 2364
<211> 730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 2364

```

```

ngttttgacn cctnannant cggcagcact taaagatgca taacanagtc aggggattca      60
ttctatatga tatccaatga gtatggcatt ggcataaggc tagacaaaca gggcaggaca      120
gagggagtga atgaacagac acacatatat ttggacactt gaatgtggat aaaagaggca      180
atgtaggaag gaagggaaaa gatagtcttt tcaatagaag gaactggatc aaagagatat      240
tcaatggaag aaaagaacga aattttacct cttcctcaca acataagtaa gttaattatt      300
acagacgaat tatagaccta aatgtgaaag gcaagacaac atcgtttcca gatgataata      360
taggagatgt cctcatgact ttgcattagt ggaaatgtta taaacctaca cccagatgcc      420
tgtgctgata ctgacatgac tttaatagtg tgggaatttg cccagtctgc actcaatgcc      480
tgtctcatcc aaccatcttt aataagtcac caccatgtgc ctacccttta aggagcaact      540
agaaccacta agaccaaag agaatcctca ctctccct ccttcgctcg ctcaacctct      600
tttgttcagt atgtgtaact tgaagctaatt ttgtactact ggatatctga ctggagccac      660
agatacagaa tctgtattgg tcttactgaa acacagcatg gaattaacat taaacttaaa      720
taaaacaaac

```

```

<210> 2365
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

```

```

<400> 2365
ngttgaccnc nntcgattcg gcacgaggat agcccacctc atgttctctgt acctgaactc      60
tcaacagaca ctgtttataaa tgtgatcact aatatgacaa ccaccatcca gagtctcttt      120
ccaaatctcc aggtttttccc tgcgctgggt aatcatgact attggccaca ggatcaactg      180
cctgtagtca ccagtaaagt gtacaatgca gtagcaaacc tctggaaacc atggctagat      240
gaagaagcta ttagtacttt aaggaaagggt ggtttttatt cacagaaagt tacaactaat      300
ccaaacctta ggatcatcag tctaaacaca aacttgtact acggcccaaa tataatgaca      360
ctgaacaaga ctgacccagc caaccagttt gaatggctag aaagtacatt gaacaactct      420
cagcagaata aggagaagggt gtatatcata gcacatgttc cagtggggta tctgccatct      480
tcacagaaca tcacagcaat gagagaatac tataatgaga aattgataga tatttttcaa      540
aaatacagtg atgtcattgc aggacaattt tatggacaca ctacacagaga cagcattatg      600
gttcttttcag ataaaaaagg aagtccagta aattctttgt ttgtggctcc tgcgtgtaca      660
ccagtgaaga gtgtttttaga aaaacagacc aacaatnctg gtatcagact ggttcagtat      720
gatcctcg

```

```

<210> 2366
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(728)
<223> n = A,T,C or G

```

```

<400> 2366
ctttgacccc tttcgantcg gcacgagggt aaagcggggc ctcacgatcc ttctgacctt      60
ttgggtttta agcaggagggt gtcagaaaag ttaccacagg ggccagaact tccaccttgt      120
ggtcaattgt ttcaagtgtg tgaccatact tgtcaagaaa gtcaagtctt accagataaac      180
tgaaaaacag ctccaagttc tactggccta tgctgaggag gacatttatg atacttcaag      240
acaagccact gccttttggtc ttctgaaggc aattttatca agaaagctgt tgggtcccaga      300
aatcgatgag gtcatgcgga aagtatccaa gttggcagtc tctgcacaaa gcgaacctgc      360

```

```

cagggtccag tgtagacagg tttttctgaa atatattctt gactatcccc tgggtgacaa 420
attgagacca aacttgaat tcatgctcgc tcaactgaat tacgaacatg agaccgggag 480
agagtccacc ttggaaatga togcctatct ctttgacacg ttccctcagg ggctgctcca 540
tgagaactgc ggaatgttct ttatccctct ttgtctaata acgatcaatg atgactctgc 600
cacgtgcaaa aagatggcat ccatgacaat caagtcctta cttggtaaaa tcagcctcga 660
gaaaaaagat tggctgtttg atatgggtac cacttggttt tggagcaaaa aaaaccgctt 720
aaatagac 728

```

```

<210> 2367
<211> 1109
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1109)
<223> n = A,T,C or G

```

```

<400> 2367
cngngcntga gnggnngnt atnngtannt aacnatgatn gttaganata nctnctgtgt 60
tcncnancntg nagtanctng acncnntnta tcngncntgt nnanagntng aangtagggg 120
anagtcnnnc canngantt gaaccccgta tcgtagggtg tacccecanac agccancata 180
tncnttcaaa tacanggaat atnngtgngn nttaaaaaat atnaaacat cattgttntt 240
gtnacacaan gggagngngn tgnntacatn ngaaaanaaa annncttntg gaaaacnnag 300
gaaacnntng ngggnannan nagacttttt gcatgattag ttatttncnn agncntnngn 360
aaaannaggg aacttatntt aaacctngga ggtgtaggct gcgntgcnan tcanttttta 420
cncctacnag ngnagggngc nccaanntgg gggtgnaaan ttgttaaccc gggnnntggn 480
nntaataaac gagaagnnct gtanntttct ccnaganata ccnggggtgg naannncgat 540
anatgtgnac caatnggaag nctanttnna cttcnctagc ccgtggctat ncttgngaa 600
ancganncn cttcnatgaa ctatccccc aatgcnnngt ttnntctnga gnnatttggg 660
gataangagt ttnnnaannn aaaattattn gcgggtntag ggggcttcgg gnaaagtggg 720
gagggcntga tcggttnagg gttggagang ggactaaaan gggggggcgg nannganaat 780
nanccttggg tnccttntg ancncctggg ggggaatggc aaaaaannng gtngagcnca 840
gaantggcgg ccttgggggn gggggncnag ncttggaatc ccantcntag tggccggggg 900
ttctgaccca aaaancntc ctgaanncgg nanggnntnc taccanattg gggggngata 960
aatanangcc cncngnggna nncccaantt ttngngggaa agggggatnn nttnnaantct 1020
cttttggggg anccccaga aaagggnctt gngnnaagga annncncct ananaactng 1080
ggagaaanat gttnccttanc gccctgnt 1109

```

```

<210> 2368
<211> 754
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

```

```

<400> 2368
attatncnnt cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60
aagcacacct ttnncnnncn ccccnngagg gccgnggnan cntgaantnt ggcttttntn 120
ntgtaaagat tgantttntg antcggctac agtctcaaag gccantgctt ctgcagggca 180
ctgaaagcct gaaccgggcc acccaaagta ttgaacgttc tcatcgatt gccacagaga 240
ctgaccagat tggctcagaa atcatagaag agctggggga acaacgagac cagttagaac 300
gtaccaagag tagactggtg aacacaagtg aaaacttgag caaaagtcgg aagattctcc 360

```

```

gttcaatgtc cagaaaagtg acaaccaaca agctgctgct ttccattatc atcttactgg      420
agctcgccat cctgggaggc ctggtttact acaaattctt tcgcagccat tgaacttcta      480
tagggaaagg tttgtggacc agaactttga ccttgtgaat gcatgatgtt agggatgtgg      540
atagaataag catattgctg ctgtgggctg acagtccaag gatgcactgt atagccaggc      600
ttgtgggang agggaggaaa gatgaaaaac ccttaaatgt gaaggaaacac ngcacaagac      660
cagtatgatt tccaaggtaa taaatgctgt ttatgacttc tttaaaaaaa aaaannnnnn      720
nnnnnnnnnn nnnnnnaaaa aaaaaaaact ccct                                     754

```

<210> 2369  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (733)  
 <223> n = A,T,C or G

```

<400> 2369
ntttaanccc cgntcgantc ggcacgagnt tgaggatctc gaccttgtcc ttccagcagg      60
tgctcccaag ccacctctgg gcctgagaat aggcatacaca tgactctgtt taatcctccg      120
acacagcaag gatgccggga agcaggggcaa agtgggtcaa gttatccggc agcgaaactg      180
ggtggtcgtg ggagggtctga acacacatta ccgctacatt ggcaagacca tggattaccg      240
gggaaccatg atccctagtg aagccccctt gctccaccgc caggtcaaac ttgtggatcc      300
tatggacagg aaaccctactg agatcgagtg gagatttact gaagcaggag agcgggtacg      360
agtctccaca cgatcaggga gaattatccc taaacccgaa tttccagag ctgatggcat      420
cgtccctgaa acgtggattg atggccccaa agacacatca gtggaagatg ctttagaaag      480
aacctatgtg ccctgtctaa agacactgca ggaggagggtg atggaggcca tggggatcaa      540
ggagaccggg aaatacaaga aggtctattg gtattgagcc tggggcagag cagctccttc      600
ccaacttctg tcccaccttg aaggctgagg cacttctttt tcaagatgcc aattaaagag      660
cacttttatg agtcaaaaan nnnnnnnnnn nnnnnnnnnc ccgggccctt ttaaaaantt      720
aagggngggg ctt                                                         733

```

<210> 2370  
 <211> 765  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (765)  
 <223> n = A,T,C or G

```

<400> 2370
gatngatcnt ttgcaactnc cgttcttttt gcaggatccc atcgattcga attcggcagc      60
agggttgaaa tgaatgccat attaaatntt tnttttttct ctngnctat ggggggttaat      120
ttnaaaancnn cngggcctna ncnggttttt taancttttg tagtaaatga ncntttgaaa      180
tccattttga taaacctgct gttaatgttt tttccccctt tgtgaatgtt ttctaacttn      240
tcttggtaat tgcaatttaa ctaggtgcgg tggtactaa agttcgaagg cacgatatgc      300
gtgtccatcc ttaccaaagg attgtgaccg cagaccgagc cgccaccggc actaacctat      360
gaccttctga cctctgaact cttcacccaa tgatgacctg accatgcctg cctgctgatc      420
aagttaactg gtaatcgctt ttgcttgctt gtcgtcagtg cagcgagctg aggcacttgt      480
cccgttcgtc ttaccatcta accaaacaaa agacaaagaa attgttgttc tccaactcag      540
cttttttttt ttttctgttt tgggtgaaag tgggtctaga aactgcactg aatagtagta      600
aagcaataag gcccaattca tcccacagca ctgatcatct ttaatatcc caccctaagc      660
gaacggtaag aaggcctctc ttaagaaggg gagacagatg ggccttaact actcaatgac      720

```

agangcaggt tactggggag aaaacttcta ggaatctttt tcttn

765

<210> 2371  
 <211> 732  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 2371  
 ntttaaacct ngatcgantc ggcacgagta gaagaaacac acagaacaag cagcctgaca 60  
 tgtaacagag caggaaagcc ccccatgtc cacctctacc tcattttgtc aagtcttcaa 120  
 gagacctcca ggcccagtc ctgtgaattc attcctctgg gtttaggcac tcacctcccc 180  
 gccaccccag agaggtagca tattaaatca ttaacagaat ctaatatataa ggggccctgt 240  
 gattactggg aacaagttct cctgatttat atgcgattga accatattcc ctggagtagg 300  
 tccttttagag ctataagccc ttgccatgat cagccccag catcttctct cttactctc 360  
 tacaggggac ttaggaaaac attttctgag tcttacccaa ctttagcttc tgctattgct 420  
 actttttgat gctgtgcaag cacctgttga ctcagtggt ctcacccttc ttggagtcac 480  
 agacccttat aagaatctga ctgaagccat ggatccttcc ttgataaaaa taaatacaca 540  
 cttaacattt ttcgtacaat ttcaaggagt ttatagacac acttctaaac tcagtcattg 600  
 atacagggtg agcaatgtgt aatgagttgc agtcaaaaac tacacaaaat tgggtacttt 660  
 ttaattttca naaagggggt cttgctctgt agtccacctg ggagtgcact ggggtgaatc 720  
 ataactcacc gn 732

<210> 2372  
 <211> 982  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(982)  
 <223> n = A,T,C or G

<400> 2372  
 nttatncttc anctcttgtc ttttgcagga tccctcgatt cgagagttag aaccctntg 60  
 ctncaaaaaa ttgaaaaanc ctnttgggnn ttgggcccnn tntnnnttga accacttggt 120  
 gnaaaaantg acntgggnagg ttggttngan ccagaaaggc canggttgna ggnagntgtg 180  
 gtnccecnat tgcantttac cntgggtgac anancanaac cccttttcaa aaaaaaccgg 240  
 ccggccgtgg ggggttnacnc ntgtcttcca ancatttttg aaggttgagg cggttggatc 300  
 acaagggtcag gaaatcgaaa ccttctgtct aacatgatga aaaccccgtc ttctactaaa 360  
 agtncaaaaa aaataacttg ggtgttggtg gccggccgcc ttgtagtncc cacttacttc 420  
 aaggaaggct tgaaggccan ggaanaaatg ggccgttgaa accnccnggg aaggccngga 480  
 aaccttttgc caantngaag cccaaaagaa tccggtggcc ccactttggc acctttccca 540  
 agcccccttg gggcccgnaa caaggaaacc caaaggnaac cccccattt ntttcaaaaa 600  
 aancccaaaa nccaaaaaaa acnttgggtg gaattggaat taaaaaaaaa aagnccgnc 660  
 ccatttaaaa aaccancntt aaanttattt ccaaaaaacc ccanttggcc ttaacnttcn 720  
 ttggtccntt ttaaaaaant ttttttccaa aaaattaagc cntttttggc cancccttg 780  
 gaaaaatttn ccaaaaaaat ttttaaagtt ttnggggaaa aaaaaccaag ntttttttna 840  
 accttgggtg tttgntcac caaagcctta anttnaactt ggtattnaag nttcttgncc 900  
 ttgttgaaaa ggntnaaaaa aatnaaagtt canttttgg gaaaaaaaaa aannnnnnnn 960  
 nnnnnnnnnn nnnnnnnnt tt 982

<210> 2373  
 <211> 1738  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1738)  
 <223> n = A,T,C or G

<400> 2373  
 aaacnncngna nncgngntgg cngggaanaa aacantgtng naaacnngan anacgtacgg 60  
 annanatctc gcaaanantn ngagnnannn gnnnananga atnaatcana nnttgngntgn 120  
 nntggactnn nngagcgacn tngangngat gtccnncgna tagtcncgcn gcgtggncag 180  
 cnggannana gnaacatgng tnnccgcgcc ncccnncgc ncngttttta anaaacccct 240  
 cggaanaang ggcnnnccca gnnngaaana ngcggatatac nagncacngn gctgcannga 300  
 cccgngngta cggngggatc ngctnagagt ggnngggngn gagggngaaa ntttttttct 360  
 cnnanaccgt ccnaagnann annacnnnnn ncgggggngn tatngnnaca acantcannn 420  
 anccannnnn ttttgcgcgc atngananga gnaacggacc nactnctnnc atcccnnaa 480  
 ncngnntgna tnnngggngn agtngtanaa gagnganact ngangagaca gannngnacn 540  
 gncnnantna agnntggntg nncggcggn ngcgtgaggn canncnngn attcgcntac 600  
 acnaaanntn atagagngng atgntgnaga aantnnctnn nannngnng cgtataagan 660  
 ngcggnga an tcnngnnag cntgcnnctg cgnnacngac tgcggcgncg tncngntaca 720  
 tcctatnanc tgcngnancn gcnnancang cnnngngnc gnnnncgntn tnttatangg 780  
 ngantnggag gactngcgcn gactnancgn anctnnacgc agnggatcga cagancacan 840  
 ngagcgagca cgcacangng acatagtgcn tcnngtaccg tagtntggac ancagatcac 900  
 gagcncgtca cnnacncgtn canacatgag ctengngggc acgtgggnat cgtagangng 960  
 cannganagc ntacngngn gggagngnga nanatnnngn atgtncgana cnnagnanag 1020  
 ttntcatgca catcgagtga ngaanncgat aangnaangn cgtcgcntg tagaagtctn 1080  
 cacanggtnt ngcncgacnt angtcgagan gtacagaaga gnaacgntna tncngnngta 1140  
 atngcgcnc agacgcgna atanagcaga cgctcgcgga tttntacang ggngaantgt 1200  
 cangantcag angaagtgtc ggagatgcnc naanataagac atgcnaagta cgtagcggn 1260  
 cgcacgggag gancnnantg ggatgncaga ntaaggagat gananaacgc ctcgtacaca 1320  
 cgncttaga nnaccgtnc ncantncana cttgantgtg agancgcnc gatgatannc 1380  
 ncgcggnnan aacggagcng agtanganna ncgcgaatnn gntgcnga atacgcagat 1440  
 gatacagatn ncnacngna gagtnnanag acnggcgnac tcanatcgga gacnctgcnn 1500  
 ancnnngaaca tgtacngcgc tncacaccac ngtcagngcn cgcannntgt ancgctgnag 1560  
 tncgcgncat cgcnacgcga tacgagcgta acnnatgcag ctgcggcggtg tntatgagat 1620  
 atntgnnngn gacannngna cngantnnga ttcattggnga cgtacggaca ctggngggg 1680  
 gacgannctg aagagtcnc ngtnaananc tangcgcncg cagggngcn caacgcgn 1738

<210> 2374  
 <211> 735  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(735)  
 <223> n = A,T,C or G

<400> 2374  
 ntttnacccc tntcgaatcg gcctctctag atcttcccca ggccactcct tcacactcct 60  
 tactagcagc cctgcttac ctccacacta cggcctggtg acctggtcca tgggtctcgc 120  
 cctggtgctt gaagcctggc aagccccagg gctgtccttc gcagctgctt caggtgctct 180  
 gtccacacca tcaggccttt cttttggcct ggctgtcaac gtgtttccct tccttgatta 240

aatggtgttc	aggcttcatg	tccttccctcc	cgcaggggagc	cttccctgat	ttcccacact	300
ctggccccc	acctgggttt	gagctcatga	ggcaggtgag	gttggtggc	cctcatctct	360
ctgcacacag	ggcctcttct	aggggagact	gagccccagg	acaggggag	gggtcctta	420
tttctgaggg	ccctgctagg	tcttccctcc	tctggcccca	gcagaacaca	gcccagccca	480
cttccaccct	tcttcacatg	taggtgggccc	tggggcggtgc	ctgagtggtc	tggttggtgt	540
actccaggag	caggttctga	gtaaacacca	tctctctctc	tccactcgca	ctctgctgaa	600
tgtccacccc	aagcaagtgt	cttggtcagc	tgggagcttc	tgataggaga	ncagcttcag	660
ggagagtga	aaaggacacc	nttcaccctg	ancaagatgt	gggacattgg	tgtaaccttc	720
cggctgcana	agggg					735

&lt;210&gt; 2375

&lt;211&gt; 1111

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1111)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2375

cgganctgnc	cncannnccc	anaagccncc	ggcngggccc	nggcggggnc	gacctccana	60
ngggagcccc	cccttgngtt	nncnaccnn	caangncaga	anccnacggc	gnnttttttt	120
tatcancaan	aannacccaa	cccaccgggg	gggggnttan	ttaaaaaan	ccnaaanccc	180
nnntaacc	nancaccgc	cccnacancn	caanaaaaga	gacaccacac	cgnaanaacc	240
acaaaaggag	ancnnnacca	gacnccanaa	cnnaaaanac	acnccacaca	caaatagnaa	300
nancacccg	cccaaaaaac	gncngaanaa	aacacnccna	cacagnnnaa	agcaccanaa	360
nancaacagn	acnanggnna	angccaccan	cntcaacnac	ccnnaccnaa	aaaaanacca	420
aacaanntnc	naaaatagnn	canacacccc	ancgaacnaa	accannnanc	ancgnccacg	480
anaaaccaan	naannannna	nacacaagnn	ncagcacgga	naccaccnan	gagcgtnnaa	540
naaggacaca	ananangncc	cgagaaacaa	canggggnac	naanantctg	antgngnnga	600
aaccngaaaa	ntaccccaan	naacngganc	cccgtaaaac	aaccaaacag	acnngcggcc	660
caaaaacnca	nggnaagagc	attacaacaa	caacaaacnc	agaccnnagn	ananacaaca	720
aannnacnan	tacacgaaac	tgacacccnn	aagnacaant	nacatacacc	ancgaaccnc	780
tcnagaaagc	actnatnacg	gacnanacnn	ganatcancc	nnnaangcac	tacacannaa	840
catgcagagc	nnnnaacaca	tancacaaca	nnngcnctca	caaaatanan	cacaacnaca	900
gccanccaan	gncanaacac	accgaancgg	agntngccca	taccangcaa	nncacacacn	960
aanacannga	gnacnnccnn	tacacganac	anaccccana	acnaancccg	ataaaaaangc	1020
gtnnacaanc	caaaacacac	ntanacgcgn	acgagccgac	acacaaaagac	gacaannnnn	1080
accaagcgan	naccacngna	aaacgcgccc	g			1111

&lt;210&gt; 2376

&lt;211&gt; 771

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(771)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2376

gacnactccg	ttacagnctc	ctggnnnnntt	tgcaggagcc	catcgatncc	ctatagtgn	60
ccctctgaaa	tggaacctcan	nggaaaattn	gtttggngtt	ncattanngc	tnttncnccn	120
gntngacata	attacttcta	ccgatgtgaa	tgatacggat	gccggcagag	cttccagatc	180
tttcagactc	aactgctagg	tcaattagtt	tgtcataata	aaacttggca	gattctacaa	240

```

gtctattatg acaaaccagg aactaattct ataatggaaa actatccatt ctgaataata 300
gggtatgtaat tatttgctgc tgctgctgtg ctctgtaaaa ttcttgaata tgacatttaa 360
actctgtgcc tactaaagggt atcttctgga gtttttggga ggagagaaac tggaaaatta 420
aattgtatgt ttgccagaag actcttactt gcatgtgtct caggggtctc agtttttcta 480
taagtttcca tatccaaagg ttcagaattc atgtgaaatc ttctttgggg caaaagtctt 540
tcattcctgg tatttattgg attgggaaat ctgtagcaaa gatgctgntt aaaaatacca 600
tattgggttt tttatcttat ccttagctct ctggctattg acttcctttt cttgnttgaa 660
gttagcttca aatttgctct atgctaaata cctgnaaaat attctgggat agggaactac 720
ttgaaatagt aattnggtaa aaagatatga ccaaaatgaa aatncttaan n 771

```

```

<210> 2377
<211> 730
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = A,T,C or G

```

```

<400> 2377
tttaancccc gntcngaca ttngnnancg cgtctgntnn aancactact acgcttgtgg 60
ttgcacacan gacgaaaagt ganaatgcat tngcatgaca cagcattcnt aggtccggca 120
ctttngttnc tnnncnnnnn ttnnnncagc tgtanngatn aatanatcnn ccttnngata 180
gccctggtgn cctctgntcn ctgatntgat ncgntactgt gtcagtgtan gcaatcagan 240
cgcgntcac ctncacatac atgtttncnn aatcaaggct tctacagctc atcctaataca 300
ncattaatna ngtaatnggc tatnnccaac ataagtgtnt ctgcangan gaaagttnca 360
tantnangan aatggnggtg gataagaaca gatataatga ataacngnca cagctgtann 420
actttnattn tgnnttattg cnaacacgcc ntaactatcc tgtgnganaa tgggaatntn 480
nantcccatc ttgcaattgc tatgttgcat gcagggttag gggcctgaaa gcattgcaaga 540
anngaatgcc atgtgatngg gnttatctcg gattcacaan aatactgtna tngcgagcca 600
natccncan tgggtganan ttctaattgc gactgtntgc nggcncanaa catgattgct 660
ttntaattct nacaanaggc tggccngtaa gtacattctt gnctagagtc ttntgcacac 720
ttctntacn 730

```

```

<210> 2378
<211> 727
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(727)
<223> n = A,T,C or G

```

```

<400> 2378
nttaaaccnt gntcgaattc ggcacgagge cttttgttgt gaagttgctc atcatttagg 60
agtgtttaat tctaaaaagc cttcagccta agaaagcttc atctgtgggg accagagact 120
tgttgctcag ggagtttagt atgggacttg ggcattctgat ctgcagggtga caagtttagt 180
tcaactgaag ttgtagggaa tttagacagt tgcacatcat tgccgttcta ggggccttgt 240
agaaagatga aacagttgtt tttcatttac cagcacctct cagttataga ggtaatggaa 300
cattcgctta cttttcatca tcattcttta aaaagggaac atacaaaaat ctaaactatg 360
gcaataattt atttttataa tagtttacgg taggctttaa ttaaatggca aactcctctg 420
ggacccttaa gttatggcgt gattagccaa atttgatttc caacagtcac ttatggccat 480
aactattgca tagagtgcag gatgccagca aagatgaggg tgggggcaga tactggctca 540
gtgatttaac tcacattata gatgaccctt tntcaacag aaatgctact gagagaacca 600

```



```

gaaaagcctg ggccaggcag gtcttatttg agaggagatt atttgataat tgctttgggt 660
agaangactt tacatttcct gatttcaagt ccaccaccaa tttagaaagt tcagagatga 720
aaccctt 727

```

```

<210> 2379
<211> 962
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(962)
<223> n = A,T,C or G

```

```

<400> 2379
atgnnnnnnn ngnnnnnnnn nnnnnnnnnn ngngngnnnn nngnnnnngg ggggnnnntng 60
nnnnnnnnnn nnnngnnnnn ngggnnnnng ngngngnnnn nnnnnnnngc ctngggggnnn 120
nnatanannn nnnnnnnnnn nnnnnnnngg ngntgnaaaa nccccctttt ncccaagaac 180
ctcccccttg ggggggnnct atttttnta ttatttnggg ncacnccttc nattncngnn 240
nnccccgcg anacnaannn gggatggnta tnnntngnng tgnnngaann nagagggaga 300
tgtgcnnntc nnnntnttt ntnttttngg tnngntagnn nntngntnc nnnntngntc 360
annnatnggt nnnanannng gggggggggg ggggggtttt tntcttttaa nannnnattg 420
ntgctnnnt nttnntnaa ccncntcta cnnttcangc ggnnatnggc nnantntcng 480
atnggggttn gtatagaagt nggctgttt tnnnnngatn nncntattnn ggnntagnng 540
gcagnngtta tgnngngtgt tntggngtgt ggacnttngt ncanntatnt tntttannnt 600
ttctttnta tnnnatnat agngnnngtg tgntttngna nntnatgagn gnnntanann 660
ttngtgcctn ggggnatntn tntngnnagg ntnnnnatnt nttnnntnt tgntntttnn 720
ngatgtttgt nnnntngnn cnnntataa nngtgactng tatntgtnn nttggttnct 780
cncttncnaa gggtnntnt ngagagtgg atanggnnat ntannngagt tantngnngn 840
ngtntncta ngtannnacn gngnaannng ntgngnggg gnnnaanaa gngggggggn 900
ggggnatgn tannaaangn tgtntaacan ntttctatg ggggggggan ggagnnttna 960
tn 962

```

```

<210> 2380
<211> 909
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(909)
<223> n = A,T,C or G

```

```

<400> 2380
tntnnntcgc ntntctnnan tnannnataa ttatnttttt ttntntttac gnnntntngn 60
ataaccgtcn tgnaactgta nttntgnttg tccannatca gganatannn cncnnnnnnn 120
nnnngaaccc ttngantag ccacgtacn atanctngtc ttaannacaa atttatnant 180
aatatgggtg cacaagaag gctttantgg cttcaagagg tatngaccg ctgccgaggn 240
ctttgagctt gangccaaga tcgcagttgt tgaaaagtat aacatcagga ttccagagct 300
ggtgcaaagg atagaaaaat gccatataga agattnggac tttgcagagt acattctggg 360
cactgtgcac aaagccaaag gcctggagtt tgacactgtg catgtttttg gatgatttgt 420
gaaagtgcct tgtgcccggn ataacctgcc ccacttcgc acttcanagt tgagtcattt 480
tctgaggatn aatggaattt actgtatgt gcagnaactc ngagccaaga agcgtcttat 540
catgaccaa tnatgttgaa ancattttga nttnggcttg gggagtactt nttgcnagca 600
gagcttgact ancaccgtnt taaaaacagg cgtgggttgc gcntgctgng tgggacaatg 660
caacaatgcc atccntgttg acaccgtcct ttaccattga agaantgcc cntctctt 720

```

```

tagccancan ggaaagggaa aacaannggg ggggcttacn ttatggntca nntnctngag      780
ccgggangna agctgccatt ntngggcccc ctgggcgttn ccntnacana ntctttcncc      840
ngaancatg gtggccctcc cctagggtaa nnggccaaact ggtggggagt aaacatnttn      900
tntncttcg                                     909

```

```

<210> 2381
<211> 756
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (756)
<223> n = A,T,C or G

```

```

<400> 2381
attatnngnt cnncgcntgn tgcntntgca ngatcccatc gattcgcaga cagncnaacn      60
gaccttttgg gttnatggga ccggnnttgt attntngngn tancccatTT naagggggca      120
cntccaacgg nnatgcccac ccnacgggac ggccttaatt atgacgangt cccgnncntn      180
ancggntcgt gggaaccgga anacggcttt cntgcttcct gcagcaaagg cttggggagaa      240
gagggtgcttt atgataacgc aggcctgtac gataacttgc cgctccgca catctttgcc      300
cgctactctc ctgctgacag aaaggcctct aggctgtctg ctgacaagct gtcctctaac      360
cattacaaat accctgcctc cgctcagtct gtcactaata cctcttctgt ggggagggcg      420
tctctegggc tcaactcgca ggtacggcat cttcttctgt aagattctag accaccttca      480
agtcacattg ctccaacaga gttttgcaac ttgtagttaa tgggactcat caaaggcaaa      540
gcataatgtg ttttttttcc tcaactagaa tataatttgc agcctgacta ccaaggaact      600
gatgagatat ttctaacgag ctcatggttt atctgaacca ctgtgttctt tgccacatc      660
tggctctctt tctgtcttgg gaaaattccc agtgaaaatt tgtgaattat gtcaactaaa      720
ggcagagaan ttaaaaaaga aacnggtnat aaaann                                     756

```

```

<210> 2382
<211> 726
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (726)
<223> n = A,T,C or G

```

```

<400> 2382
tgaaccncgn tcgantcggc acgacaggaa taatgctgac atacatacat atatatatat      60
atatgaagag agagagagag tcacacacag acagacagac acacggagtc tcgctgtgtc      120
gcccangctg gagtgcagtg gcgcaatctc agctcactgc aagccctgcc tcctgggttc      180
acactattct cctgcctcag cctcccaaga agctgggact gtaggcgccc gccaccatgc      240
ccggctaatt ctttgtatgt ttagtagaga cggggtttca ccgtgttaga caggatggtc      300
ttgatctcct gacctcatga tctgcctgcc tgggcctccc aaagtgctgg gattataggc      360
gtgagccacc acacctggcc ataagtctga tatttttagt cagggtcatg cagtcaacat      420
tacagatggt gtgaaggact acatgttcat ttgtccaaat tgtcccttta aaataaggag      480
attacaaaca aatatttgaa gctctttgag gaggggcttt tcagatttaa agtgataaac      540
cttattagtc tctctttagg cagagaactg aagatacatg tatatctcaa acttgtagt      600
gaaattctct ttcagacttt aacattgaaa agntaatttc taattcttcc tcatatatnc      660
atgggcattg gtaatgatgt gccgaanatg tctgtgaact ttgagaaang gagaaaatta      720
tatgat                                     726

```

```

<210> 2383

```

<211> 856  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(856)  
 <223> n = A,T,C or G

<400> 2383  
 tactatccgt tcagctcttg ttcttttgcg gatcccatcg ttcncttcgg cagcaggaga 60  
 tgtgtcatcc tgggtgaatgt ccctttaact gcaaccagaa ggtaaaactt agatgtcctt 120  
 gtaaaagaat aaaaaaggaa ttgcagtgca acaaagtacg tgaaaatcag gtttcaatag 180  
 aatgtgacac aacgtgcaag gaaatgaagc ggaaagcatc tgagataaaa gaagcagaag 240  
 ccaaagctgc tcttgaagaa gaaaaacgaa gacaacaggc tgaactagaa gcttttgaaa 300  
 acagactgaa gggtcgtcgg aagaagaaca ggaaaagaga tgaagtggca ngttgagcta 360  
 tcactatggc aaaaaacata aatattatct catttcagtg tgtggagttt gtggtttag 420  
 tgtttgcctg gtacatcacc catgatgtca attaaaaaaa gttttgatct tttaatgtaa 480  
 ctgagattgg atttagataa agttgtttaa ttgaaatat tagaaaatgt ntattataga 540  
 acatgatata tatttacatt catctctgta ttccctcagc ctgtttgtta gaanggacag 600  
 gaatngttta aaacttttat ctttaattta gngtantacc taagaaaagg gggccaggta 660  
 nttaattacc ttggttntaa aaaggtnгаа aagggccttg gaacttggaa aaaccttnaa 720  
 aaattatttt ttccattnan ngggctttta aaccttanga ngggcccagg aagtttaacc 780  
 gnggntnttt tgggntncat ttgggggcct tcccttgggt tncnttaag nttnttttcc 840  
 atttttaaat taatnc 856

<210> 2384  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2384  
 nctnaccctt ttncnngagg tctacaaccc attagggcag aatggaggca aatgaataat 60  
 attcccttgg tctcagagac caacaactac agaattatca agcatggcca aaaattgttg 120  
 ctcacaccc ctgcacccc acagtggaaa aagaaccggg tgactgtgta tgaatatgat 180  
 attaggggag accaatggat taatataggt accacattag gcctcttgca gtttgattct 240  
 aacttttttt gcctctctgc tcgtgtttat ccttccctgc ttgaacctgg tcagagtttc 300  
 ctactgaag aagaagaaat accaagtgaг tctagcactg aatgggactt aggtggattc 360  
 agtgagccag actctgagtc aggaagttca agttctcttt ctgatgatga tttttgggtg 420  
 cgtgtagcgc ctcaagtaaa tgcaaggat caacagggtt tggttgaact agattgaaac 480  
 actaagttgt ttttactggt ttggaaaata tcttaaatat cctttttggt cctaaaggag 540  
 aggaaaagtt gattaacttc tggtttggtt tagaaaaagt aatgtttgaa atacgaagg 600  
 aatttaattg tacaaatttt aacactcaaa tcaacctttt aataattttc tgtgctaagg 660  
 gtccaggat ttttaatttg attatttaag tatggttatg gtttcatgga cacttaattt 720  
 aggccttttg atn 733

<210> 2385  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

<400> 2385  
 ganatncttt caactcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60  
 ggtcaaaaga aaccacacgc ttagattggt aagagggcac cctatgaaat gaaatgggga 120  
 tttcttgagt ctcttttttc cacgtttaag gggccatggc aggacttaga gttgcgagtt 180  
 aagactgcag agggctagag aattatttca tacaggcttt gaggccaccc atgtcactta 240  
 tcccgataac cctctcacca tccccttgtc tactctgatg cccccaagat gcaactgggc 300  
 agctagtggg ccccataatt ctgggccttt gttgtttggt ttaattactt ggcatccca 360  
 ggaagctttc cagtgatctc ctaccatggg ccccccctct gggatcaagc ccctcccagg 420  
 ccctgtcccc agcccctct gcccagccc acccgcttgc cttggtgctc agccctccca 480  
 ttgggagcag gttggggcga gctggangcc cgggctggag gggcagtgtt gctgttcata 540  
 gattttgctc cattgncgtt gctctgttga atttaatttc agtcttctctg aatcttccct 600  
 tctgtnaagt gtacattacc aagtcccttg nttttttata tatatatata aatatatata 660  
 tatacaaaact gtctcttttt gcctttgaca ttcaggcaag aaganaaaat aaatcttttt 720  
 aanaagacaa tccnaaaaaa taaaannata naaaanccct 759

<210> 2386  
 <211> 1107  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1107)  
 <223> n = A,T,C or G

<400> 2386  
 gaagacnctn tcaactnctg gtgettttng nnagnccctc ngcccntntt ngncngangan 60  
 atctnaggte tataagacgg ntnttttnnn tcnaatgcc aannntnaag ggggggnngn 120  
 nntntaaga atnngtngga annnntngcn caaggaatgn ncnaanctnn nannccaana 180  
 ntatggatna aggggtggac agggctttnc nanatgnatn ctggnaaaaa gcntntggnt 240  
 gncncccaah ccttgacccg gttccggttn aaaggggaaa aacctaaaga aannngntta 300  
 agntngtttc gcatncngtn attcnagcnn gagnttacag aagnttantn tttccacaaa 360  
 aacnaancat gggccctaac anaatnaang ggnanccnnc gggcnctttt ttnggggtatc 420  
 cttgggggtc ttttcnaacc caaaaaaggt nnancaatnn cnattcccc aantncaccc 480  
 aattccgnnc ttnggnccnt ttcaccccc cnagnccccc nattgntcng gaaacccanc 540  
 cctttctatt gaaacanatn gncnttnnnc cntccttttt aaaccncngn tgggggcctt 600  
 ggccccggtt ccaaactttc ccttctnccn attgggntta ctgccttggc aantactcgg 660  
 ggnaacatng gcaattggnc tttaaaatng ctccananaa nccttttaag tnggccttgg 720  
 aaccctaaag ttnnttttnc aaaatatng aaaaccatgt atncccggcc ttngggtaaa 780  
 aanaaatgtg gccaaaggata taaaattggg ttcccccaat gnggcnnggg ccccnctaa 840  
 naattcctnt ccaaggant nnttgnccct ggggnagaaa atttttttag ggggtanncc 900  
 atacnancat ttagnggggg ccaggaanca aggnangggg ttccccantg gggngcaata 960  
 tntctagtna aagcttaatg nttgggcacc cccnaacca atggaagana antttgnggg 1020  
 aaangggata aaancnanna aagtcnnaa tttatnnngg gggcctaatt ntgcccangg 1080  
 ggaanaaact anggggcaag anaaant 1107

<210> 2387  
 <211> 724  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(724)  
 <223> n = A,T,C or G

<400> 2387

ctttaaacct	tttnccgctt	tttctccgac	gaccaggagc	cctaccctgt	gactgatatt	60
tcggacctga	tccgggatc	ctatgagaaa	tttgagagacc	agtctgtgga	gcagatcgag	120
cacctacgtt	acaagcacag	gatcagggtc	ctccaaggcc	acgaggacac	cacaaagcag	180
aacgtgcttc	gagtcgttat	cccgggaagtc	tcaattcttc	ctgaagacct	agaggagctc	240
tacgacttat	tcaagagaga	acatatgatg	agctgttact	gggagcagcc	caggcccatg	300
gcctcacgcc	acgacccag	ccggccctat	gctgagcagt	accgcataga	cgccccgcag	360
tttgacacac	tgtttcagct	agtctcgccc	tggacctgcg	gggcccacac	ggagatcctc	420
gccgaaagga	cgttcaggct	cttgatgac	aacatggacc	agctcatcga	gttcaaagcg	480
tttgtgagct	gcctcgatat	tatgtataat	ggagaaatga	atgagaagat	taaactatta	540
tacaggcttc	atatccctcc	acactcactg	aaaatgaccg	agacagccag	tcgccgttga	600
ggaatnctct	gttgtcaaca	tcgagacccc	tggttttcgg	gaaaccaatg	gtgatgcagt	660
tgattatcag	aaacagctga	agcagatgat	taaggattag	ccccaaaaaa	aaaaaaaaaa	720
ctcn						724

<210> 2388  
 <211> 966  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(966)  
 <223> n = A,T,C or G

<400> 2388

nnnnnnnnnn	ncntnnnnnn	gtgnnnnnnn	nnnnnnnnnn	nnnnngnnnn	nnnnngnnnn	60
nnnnnnnnnn	nnnnngtaag	aatectttca	nctcccngtn	cttnntgcat	gaacccatcg	120
attcnaatnc	ggctccgagg	nnnnatntga	ntantacnca	cggcacattn	tttttcaggg	180
ggaangngaa	cgaacgcctg	ctggggagtg	ggctggacnt	gactgttnca	tgcaaaagnc	240
anaggtnaga	gcctggcgca	gnancatnga	ctcngnngga	tccantgnan	gcnnnnncnag	300
gggccannca	ggaagggncn	tcaagnctat	ttcctcatac	gcaccgggat	gacatggatg	360
atgntgacag	ggcccccatan	cccnntggga	aagtgaagnc	ananaaaggn	cagggnagtg	420
gnantaggnt	ncaggggggtg	aggnnataaa	antaatanta	ctcncgtgtg	naaaactcct	480
aganggnaaa	tatngcintga	agaaatatca	cgaannatgg	gaggaatcnn	natcgtttat	540
atacncggtt	gnttgaaaag	ancnatnacc	nnctgatcca	cataaggnc	tnntnnacng	600
ggatntcctg	gaccggnatg	gcnetcancn	ngnaacagnt	tcnaaccng	ggnagggcan	660
gcnncccagg	gccttnaatn	cnangntgcc	gggaagccan	tcaacttgnc	gncaaaatna	720
ggaacttggg	cttgacctgg	nttgnccntc	cnnaccgcgn	tngantgact	tgatgggan	780
acatacaacn	ggncnttngc	catatggtca	ggtggcaccn	gggtnnnttt	tttaaccata	840
nncagaaccc	nagggaaacgt	tgngngtanaa	ntccncnata	gcccagtatt	tggnatattct	900
ttaanggggc	ggaacctcag	ntnnaatttt	ttgggtccaa	aaancntgg	ttcccnaca	960
tannan						966

<210> 2389  
 <211> 1130  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(1130)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2389

tnngggngaa	angcnganga	annggnganan	nggggctnac	gannacgggg	nnatnnnnng	60
gnaannangc	cncgnaanan	gtaatncgng	ngncnccnc	atgnaangtn	angganncnn	120
tagcgngan	ggncgggca	natnnngaca	cacnngcnng	cgtttnnann	gtangnnacn	180
ncgnataaca	gcncnnncnt	gtcgtagtna	ccaancnnac	ncnnacnang	cttttgnaaa	240
cncntctcan	gcgccccccg	aacgcnaaat	aantnatgnc	gncccccccc	ngaggngncn	300
actgnggagg	gggggggggg	nacacntttt	taccaacann	nccaacccan	nnngggggcgg	360
tnnggaanaac	ccantnnctn	ntttnaactnc	ncntganggt	ggccngngnt	ggacggntaa	420
ncaaacacnn	ngcgagagct	nncgccaccg	agcnagnnc	nagaggaccg	nnncgntcga	480
gngngagana	agggngngca	nnnctgccgn	ngcngnngag	tctgngatgg	cgcnccnccn	540
nnagcggccg	caccggnann	gannggnnnn	nannannnna	gggaganaat	gngnaggngn	600
aannnnncng	aannagaann	annggtgncn	gaaganggan	ngnagnacng	acgccncgng	660
anngangngc	ggcngnntng	ggcgggagga	ngnnangtgt	cgangngngg	cngntnccnc	720
ngacacgcgg	ggtagtgtgn	gcgacacggn	ntncagcann	aannganacc	actcacanca	780
gattangctg	atngtanaac	nngcgcggn	nnaganaacg	gcncangatn	cactngtnng	840
cggggnnagc	tnnacgcgtc	anagcgnnnn	ntcgcgcg	cnagngggcc	gagnacangn	900
aagggancga	ccgagtcagt	cgnangncgt	naagcncgca	ncatcgga	ctgncacaaa	960
cncgctcagg	aacnngnngt	ctctggnaca	gcaagctg	acntgtngcn	ganacagngn	1020
acngcaanan	ggngaaaann	nggcggcgca	cngaggcgnc	gcgnggtgcn	cgtacgancn	1080
tgggagacan	ccncgagatn	cgacnnncta	gagtgccagn	agagcacncg		1130

&lt;210&gt; 2390

&lt;211&gt; 901

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(901)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2390

tentncccc	tccaanctcc	gtgctctttg	caggagccct	cgattcnct	agatgaaggg	60
ctganaattt	tanaaaaagc	gccttnanaa	gcctnnnnag	nattnctngg	aaattattgg	120
ngnccaaaagc	ccctagncng	nttnggggna	ggcaccnncc	catggntnta	accccggtcc	180
caaaaaccat	ngtanaaann	nttaggattc	naggtttgga	aaatcttttt	tncgnttant	240
tggtanttnn	cttccccaaa	acccccntta	aaatagccct	cctttcacca	tggctatctt	300
tttttcaagg	ttttatatgc	antagctctc	tcagcacctt	ggaatnggna	aaaactggta	360
ccagcanttn	gggaggtggg	tttttctttt	aagaacattt	tgccagatct	ttatcttcaa	420
ggngggacta	aggaaccccc	agagcctaag	ttantcttgg	nganggcaat	ctctgcgaac	480
cgctgaacc	ttaccctaag	ttgggtttct	atggaaatat	gtagaagt	ccacctggca	540
agtaanccca	tttggttaag	aanggtacct	ataccgggt	tttttttggg	ggcctttgnt	600
nggttggttg	gtttggggtc	tggagaaatg	gtactggccn	acccccctct	ttttattaaa	660
ganaaagaaa	cctggatttt	tggataccnt	tattttttaa	aaaatattga	ataggttcca	720
ggaagttaa	atngggatgg	tttaaaaaat	ttttaatttn	cttttggttt	nggggcaagt	780
tnngaattha	aaatccggng	aaatccctat	taaattccgg	tncccttttt	gggggnaant	840
tnntnttanc	cccggnttta	ttaaataaat	acctggggcc	cccaancnn	ttttgncctt	900
n						901

&lt;210&gt; 2391

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(732)  
 <223> n = A,T,C or G

<400> 2391

ngttttgacg	ncctncgatt	cggcacgact	tanaaancca	aaacctggcg	ctgcaaaatg	60
tgcaggctcg	aatacggatg	gtcctctcct	atctgtntgc	tcagttgagc	ctntggntnt	120
nggggtgtnc	acngngggct	cctngtgctg	ggatccgcca	acgtggatga	gagtcctcctg	180
ggctacctga	ccaagtacga	ctgctccagt	gcggacatca	accccatagg	cgggatcagc	240
aagacggacc	tcagggcctt	cgtccagttc	tgcatccagc	gcttccagct	tcctgccctg	300
cagagcatcc	tgttggcgcc	ggccaccgca	gagctggagc	ccttggctga	tggacaggtg	360
tcccagaccg	acgaggaaga	tatggggatg	acatatgcgg	agctctcggg	ctatgggaaa	420
ctcaggaaag	tggccaagat	ggggccctac	agcatgttct	gcaaactcct	cgcatgtggg	480
agacacatct	gcaccccag	acaggtcgct	gacaaagtga	agcggttttt	ctccaagtac	540
tccatgaaca	gacacaagat	gaccacgctc	acaccgcgt	accacgccga	gaactacagc	600
cctgaggaca	acaggtttga	tcttgcgacc	atttctgtac	aacacaagct	ggcctttggc	660
agnttcggtg	catanaaaaa	tcaggtgctt	caacttcgag	cctnttnaac	tatagtgagg	720
tcgtattacg	tn					732

<210> 2392  
 <211> 760  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(760)  
 <223> n = A,T,C or G

<400> 2392

nttgactcgn	tcgnttccga	ctangttent	catncatgac	aaanncntga	atntgctncc	60
agatggtagg	acatgnacct	ngaccttggg	aanacncaa	cnntngtntc	tgntactgcc	120
ctnccacant	naccnnaata	ttacnngcac	tgccccagnn	gattgnnggc	cncnctgnct	180
nnctnctgtg	tgcaacccng	naaagncngg	gcctcgntnt	ccatntcnta	cctnncaactg	240
cattaagnag	atggnnnngt	cccgccttga	cctgagtcta	ggcgngctct	gctgctgnga	300
tntgaacana	nctcnaacct	nnacagnnac	tgncgggatn	ctannagtgt	ntaatnccca	360
tgtggcantg	ttgcactgtt	gcnttccatg	ngntncatgg	ncaaagcata	accttccatt	420
aactantgaa	accnttntat	tgggtgtang	tcnngtnaat	aatgatgggt	actatggctt	480
taaaactttt	ttcacatgct	ngcacctctg	gatngntngg	nanaccaaag	cnnggtcttt	540
aaccgcgcct	cantttnaan	anannnggga	gncnaangct	tnnattnntn	cntanncgga	600
aactnncanc	tacannttnn	ttggcaacna	tnccatngca	nnncccttna	attngggngn	660
aagngaaaan	ggctnccctg	gnnnnaagga	actgggattt	tttnaaccct	ngaaacgnan	720
anaaanngcg	ggnggtnggc	ncttcnctt	tttccccct			760

<210> 2393  
 <211> 741  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(741)  
 <223> n = A,T,C or G

<400> 2393

```

tattccttcac tcttgtcttt tgccggtccc tcgttcgaaa caagcnacct ntnntngtga      60
tnggaattgn naattnaaaa gngngntnnt ngggtttngg ccaccttaac caccaaaantt      120
ngaantggtn gattgaggnc cgngngncnt gntgaaaggg nccntttgga angggttggg      180
gnggaaggga antntttccg ggtgggtntg aancgtgttg cttccaggt cantttttgc      240
ccntncancc ntnttgcag gatgatcaga aatcacggn cctcattggg aaggttaaga      300
ctggacccaaa cnttttccaa gggtagcat attcacggt acctgggaag tctcttcttt      360
cccacctggg gctaatacagg ttaccaattt ttcaaggggt aaaccaaact taccacttc      420
cagggatagg ggaagtgggt ggtgggaata aagaagaacc attgataccc tgganggaag      480
gggaagaaac ccccaagcct ttttctact gaaaaataa gggtagacat tcagtcaaat      540
cttgatcaac tgggacttga gtttncagtt aaattcctac actaggaggg agtttctatc      600
aaaatnctca gattgaagaa cttggttatt agaaccanct gtccttttca aactgttaaa      660
atagatctgn ctcccctang atgatcatgg cctggtgggg ccanaatccg ngtgtttgna      720
cctgtgcgat ttatgcataa a

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741

&lt;210&gt; 2394

&lt;211&gt; 914

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (914)

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 2394

```

gntattcnnt cagctctngt tctttntgca ngatcccatc gattcncccg gctgaacacc      60
tcccancatg ccatgnacnn ncntcggntg gngagannn gaggggncct ggnntaangn      120
tnagttaaaa gancctctgg ngatgtance cttcctcgcc ttaggccctt aatncntnac      180
ttcntgtcnc ggttgcnent ngaanccntt ttccntggaa ncatancaa gcaggctgcn      240
ttaggaatta tgcagatggg tgaagacacc ctcattgacc atgctcatac caaacctctc      300
cttccaagtc agcttggttc ggtatagaag aaagttcagc tccctgacag aagggatnng      360
ttttggttta tcaagcagaa gaaaatgaaa gtccaccaa taacctggtg ggcantccga      420
gnatattact taccceaaac caggaccatt ggccaaaagc cacccttcaa gaagaaaata      480
atggtttttc ttgggaagnc ttentttctt ggtccaagaa atttaattcn ttcnggggaa      540
acccttttgg ccttttcaaa ccaaccccc ttggcggncc anccnnaag ggaagccca      600
agttttgggg gggccttatt aattcgggc cntttcnag gccgggggcc ccancggttc      660
cgnaggcctt aaatggggcc attaaccaag ggggcttng gaagnaattt cattcaatnc      720
caagtccaag aaaaaagccc cctcactta ccctaaaaa gccagaagtg ggaagccttc      780
tttaattacc attgggaaaa agtccataga nggacatgac agaagangcc ttncaaaaca      840
catttcaggc attagcaatt cgtcgactag accaacccaa gaactntctg ctgagtgtgc      900
taaaactggg gana

```

914

&lt;210&gt; 2395

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (728)

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 2395

```

ntttacaccc ttcnaattcg gcacgagaga tagtctctga atttagaact gggacgaaag      60
tgtacataat agggctatta taaaattttt agaattggat ttctaaactt ggggtcagtg      120
aatctagcag gcttaagcag tggtctcagg tttttctggc acagacaagg aatataagag      180

```

180



gaggagagaa	aaggagagac	agtagtggga	gggaatagaa	tgagagaaga	tagaaaatat	240
ggaattaata	gagaaaggat	acatgaagta	ttacaagatt	ttcttgaaa	aattggcatt	300
tcagtgatgg	atcaaagatg	tctaagtagg	caaaatacta	ctattactta	aattattta	360
gttttaaaga	ttttaggata	aaaggatata	gatctgatgg	cgttcact	aattgctgta	420
gtgttgatgt	tgagagaggg	ggtaatgtat	caagacagag	cagacagacc	ctttacaatg	480
agagcagaag	atatgttgtt	tactgattct	actttccac	aaaatgctaa	tgcttttata	540
agtcctcct	ccttattttc	tagattaact	ccttgtttct	tcctctaaac	agaggattat	600
ggcagacagg	caaaaaaaaa	acctntanaa	ctatagttag	tcgtattacg	tagatccaga	660
catgataaga	tacattgatg	agtttggaca	aaccacaccc	ttatnnnnnn	nnnnnnnnnn	720
nnnnnnnn						728

&lt;210&gt; 2396

&lt;211&gt; 1632

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1632)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2396

acnncncgan	anaagnnaac	nngtannnan	anntgcgtaa	ntngacctnc	aanncancgn	60
gaangcacga	tagtanganc	tacannnaca	cgcnecgnacn	gcnnanannc	nnncgnccac	120
angacgcgat	cncaannaac	tnagntggna	gcancncncn	ananagactn	anactatacn	180
acnncannnn	nannactngg	gaaaancctn	ttgccaaaan	anccccnngn	cgcgganaaa	240
agatacngnc	nancnagaga	nnagtcncnt	anaacacggc	atnaacnnac	ancgtngngg	300
gagngntnng	acnntntntt	tatanagcng	cgnactcaca	cnaatnccnc	ncnnncgagg	360
gngggngngg	gcgttnaanc	anaangaaa	tncnccngat	nnntnanctc	gancacaccn	420
acnctcagaa	nagcncnnta	tntaagngan	ntnnaacctt	ggnagcaaaa	nnnnntaacn	480
annaccncnc	nacatnntaa	gaatnnnaa	aagncngcac	ancaanaanc	caanatacnn	540
antcggnnan	ngcngnnnat	aacnngncgn	aggtnnnaag	aanancannn	cnnagagacat	600
cncaacaan	anaacncnca	nnganangat	nngangnnnc	nnnnngncnn	ncnantccga	660
nctntcnanc	acnnntantg	antntacncc	aggantgatc	acacgngngn	nnatgaagat	720
anactccann	cancacngct	ganaccnnnc	canagnacng	tataagctna	tcacncaacn	780
ntcgtntcgn	ggtnaacnna	tntntannnt	anngnngcgc	gtatnngagc	anacatntga	840
cacatannan	nanatcaaga	cggcatnac	catgaatnac	ngaggnttcn	cnannacaca	900
gangcaagac	ngacatncgt	ngcgatantt	cgcgngana	nttcnnaa	aataatcgcg	960
acgcanaaan	atgagactac	ncnacaann	cacnttanaa	taancntgaa	tancanagna	1020
cctgcgntta	taaacagnna	ncnnnaanga	gatancgatc	aaanccccgn	angntccang	1080
ataactcacg	tncatgnntg	tcgaccnaaa	tgacaancat	nanacgagng	acncgaaaca	1140
gaantcagac	ggcgnnntan	tnaccccatn	tcgtcatntc	ctnctntnta	acgcnactnt	1200
tnagcnnnac	gtgncngcna	cagcnantan	aaccaccaac	atcnccatan	gtcgtcnaga	1260
caaaacgaaa	ccgnancnta	tancnngnn	cattccacga	anatacnana	cncatcatnc	1320
tcagttagcta	tgaancgcga	cgcncanata	gcaanaanac	nctacataca	cgcgnagact	1380
agancgcaaa	nttacgcact	nantagnana	tnanaaccac	gacntacaga	acaactatcg	1440
agcacgccta	cantgcatga	catgacanac	ncacnngnac	gagtanaaca	tanntgntna	1500
ngtentaacg	agcanacacg	acgaancacg	atnnaacanc	gnacacaacn	antcantatc	1560
angntacgca	gcntnnncnc	ggcacntaag	ngcananacc	ganacacctn	anacgtcncg	1620
catcnnnncg	cg					1632

&lt;210&gt; 2397

&lt;211&gt; 957

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(957)  
 <223> n = A,T,C or G

<400> 2397

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ctgggcactc	cgcgcgatg	ccaccggcct	gtgggtctct	gaagggaccc	cccccaatnn	120
nactgccaaa	ttctccggtt	tgccccggga	tattatagaa	aattatttgt	atgaataatg	180
aaaataaaac	acacctcgctg	gcaaaaanaaa	aanaatntaa	ttaaantana	attaaatnan	240
aaattctcng	nncntttaaa	antntaantn	gantctnntt	tnctnatana	tcnnaaana	300
tcgntnanta	ttctttntt	tnaggnntt	ggaacaanat	ccccccattc	ttagtaattg	360
ctanctgtaa	aaaaatattn	cntttttttt	nntttgaant	tnntnngtga	cccccttcc	420
gtctcttatt	ttgntaancc	cnttttttta	ancntgtta	nttnacccaa	nnttataccn	480
gacnaccant	ttggcaattc	tttttctant	ngttaccnag	ngtctnctgg	tgtngtanann	540
tncttttaaa	attttttttt	aaatttctct	ncgggtctcc	nctgnntncc	natattncna	600
tctggggccc	tcgngetncc	ccnacntttt	tatttttccc	ntttttaann	natgggtttt	660
tattgtctcn	ctcttggnn	nctaancnnc	ttggancatt	ttccttgunt	tnctnttng	720
anaaaaattg	gannantact	gcttctccaa	nttcnaacat	taaanatnnt	cnaatctngt	780
ngatcnatta	atnntctnna	taacgctent	ggtnanngtc	cncanttctt	ctctntctnt	840
taaccttcc	tttttattgn	atgatcggnn	cccnatctg	cncnntnta	ancnnttnt	900
nnganaaatc	ccntcaentc	tcccatatnt	ntttttngt	aatctntect	ccttctt	957

<210> 2398  
 <211> 777  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(777)  
 <223> n = A,T,C or G

<400> 2398

tattattcgt	tcaagctctt	gttctttttg	caggatccca	tcgattcggc	acaatgtcta	60
cccangggat	gtntgttcct	gacctgnccg	ccaccttcta	tgggtccntc	aagaacctng	120
gcaccaacca	atgcctggat	gtgggtgaga	acaaccgcgg	ngggaaagccn	ctcatcatgt	180
actcctgcc	cgcccttgcc	ggcaaccagt	actttgagta	cacaactcag	agggaccttc	240
gccacaacat	cgcaaagcag	ctgtgtctac	atgtcagcaa	gggtgctctg	ggccttgggga	300
gctgtcactt	cactggcaag	aatagccagg	tccccagga	cgaggaatgg	gaattggccc	360
angatcagct	catcaggaac	tcaggatctg	gtacctgcct	gacatcccag	gacaaaaagc	420
cagccatggc	cccctgcaat	cccagtgacc	cccacagtt	gtggctcttt	gtctaggacc	480
cagatcatcc	ccagagagag	ccccacaag	ctcctcagga	aacaggattg	ctgatgtctg	540
ggaacctgat	caccagcttc	tctggaggcc	gtaaaagatg	gatttctnaa	cccactgggt	600
ggcaaggcag	gancttecta	atncttgcaa	caacattggg	gcccattttc	ttttcttcac	660
accgatggga	agaaaccatt	aggacatata	ttttagccta	ncgtttttnc	ttgttctang	720
aaatangagg	cttccaaagt	angggaaagg	cancctnggg	ggaagggttc	aagggtc	777

<210> 2399  
 <211> 901  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(901)

<223> n = A,T,C or G

<400> 2399

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ccccccnccc ctnatgncnn annannncnn nnnaacnaa cncannngcn tnnntnana      60
atntnatatg ganaancgcc ctaatannc nccgtacann naccncncnn acnnntgaaa      120
cccttcgaaa cncacgagaa aaaaanaggaa ttttgngcgc ggttgaccga ggggttantgt      180
acanatnngg aaaaaaagct cacgggggtgg gcaggaagac aagcctatgg atcntgctcc      240
angcatcaag ctcantaca tgggattttc tggncnctna aaaacaatca ggattgcncct      300
agacattcga aaggcnngca ntntcntctc ttntgtttta acctgnanac angctgataa      360
aagtctcca catctcagct tacatttggg ttcanagneg ntgncnacgg aggggtgagag      420
cagaaactct taagaaancc tttcttctcc ctaaggggan gaggggatga tctttngcgg      480
tgtntngatc aaacttntat tttncctaga gntgtggaat gacaacagcc catgccattg      540
atgtcgacca gagaaaaact attcaattct tgccantaga gacacatcca angctgccat      600
nccaaagggg tcaaaaagtt ttcaaataac ngtggaagc tnaccaaagg tgggggaaag      660
catgataagc ttgcagggtta tggtaggaga gggngagata taaagacata cnntactnta      720
ggatttttta antatnaaaa gncaaaaaaa tccatnagaa aagtatccct tttttttttt      780
tgganaangg ggtncntcca cttaangtng gcccagggcn nggggtcttg nannctcccn      840
aaggccnna anggganacc nccccanc tnggggncnt ccacaaangn anntcggggg      900
t                                                                                   901

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<210> 2400

<211> 699

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (699)

<223> n = A,T,C or G

<400> 2400

```

ggcttnagan tgcaatgccg ggggtgcctt cccaaaagtt ctttctgcct ggggtggagcg      60
tagacagctc agcacccac ggggggcggg tggaccagcc ttggttttgt tgggtaagga      120
tggtanaaag aggggcgaag acccatagcc actggtgtga aggggtctgct cttgaccgaa      180
gctgctccc tctgggtgca gaccagcagg tgggtccagn cacggtgccc tggggccact      240
gggtctgtct gccctcagc tccactatac acacctgcng aggcagcana ctancancgg      300
tgtctgtgag gggcagntgc acagtccct ntngagggtg ntccaaancg ttgntaagc      360
ccatgcggtt ctgctttttg gggagcagag cctggagtcc tgnattgtt ggggaggaag      420
ctatncatg cttgagcgcg ggcctggggg gctgacctgc atcccaagan caaatttgcc      480
cctggccttt ctgggcctgn cctttcttgt aacaccacac ttgnacacct gggancanaa      540
gcgtgcccc cggcaggatc ccacantggc tggtnngaac actnngggca gcangtgact      600
naggtcnccc canaactga ggaacacct tantccangg aggangctga agcttccang      660
gacacaanta aacaangtgg ggannnggan cctcacaat                                     699

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<210> 2401

<211> 1344

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1344)

<223> n = A,T,C or G

<400> 2401

```

antnaaatc nnntactcaa gcttgcatg cctggcaggg tgggactctt agggaggatc      60

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ccccgggggt taccggaac ttcggaattt ccgccccttan taagtggag ntcngtantt 120
aacaaaaattt cnaacttgggn ccgctcngtt ttttaacaaa acngttccgg tggaaacttgg 180
ggggaaaaaaa aaccccntgg ggcggnnttaa ccccaaaact ttaaatccgg ccnttggcaa 240
gccaacaatn cccctttttt cggcccaagc ttgggcccgt aaataagccg aaaagaangg 300
ccccggcaan ccggaatcgg ccccttttcc caaacaagt ggcccaacc cttggaaatg 360
ggcggaat gggaacgcg ccccttgtaa gcgggcgcaa tttaaagccg ccgggcccgg 420
ggtggtgggt ngggtttaac cgcgcgaag ccggtggaac ccggttaca actttggncc 480
aagcgggncc ccttaaaccg gcccccggt ttcctttttt cggcnttttt tcnttttccc 540
cttttncnt ttttctttt ggcccaacg gttttccgg cccngggcnt ttttttnc 600
ccccggtttc naaaagggcc tttcttttaa aaaaattccg gggggggggg gccttttnc 660
ccttttttta aanggggggg ttttncctcg gnaattttt ttnaaaggtn ggccntttt 720
tttnaaaccg ggggggnaaa cccctttttt ggggaaaanc cccccccna aaaaaaaa 780
aaaacctttt tggggaatt taaaanggg ggggtgggaa aattngggg tttttcnaaa 840
ccggnntnaa aattngggg ggggccccca aatttcngg ncccccntt ggnaattaa 900
gggaaaaccn gggggtttt ttttttccg gnccccnt ttttgggaa cccggtttt 960
gggggaaagg tcccccaacg ggggttttct ttttttaaa taaaggggg gggaaccntt 1020
nttttgggtt tncnaaaaa acttgggna aacnaacaa cntttcaaa nccccctaat 1080
tcttngggg gcctnaattt cnttttttgg aatttnaatn aaanggggga aatttttgg 1140
ccgaantttc ngggccctaa tngggntta aaaaaaatg gaagcctgga ntttnaacna 1200
aaaaanttt aaacggcna aatttttaac caaaaaataa ttaacggct ttaacnaaat 1260
tttccttggg aaggccggg anttttctt cnttaacgc caattttggg ggcnggggaa 1320
nttttnaaca accccggnat aatg
1344

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&lt;210&gt; 2402

&lt;211&gt; 733

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(733)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2402

```

ntctaaccct ttcgaatccc acgagaccac gtcatatata gcctacaaag agctcttgac 60
tgtgagctcg cagagcccca gttgcnttcc actgccattg acaaagaggg tgcgcggntc 120
gttaaagcgg gagcttatgc tgettgcag gaagcaagg angatttaa gagtcattca 180
gaaaaatgtc ctcaacatcc acttcatgta gaagtattac actcagagat tatggctcat 240
cagaaatttg ctttgcgtct tggtcctgga tgaacaaaat tatgagctat tcaagtgact 300
ttaggcagat cttttgccaa gcatgcctta gagaagaacc tgactcggag aatccctgtc 360
tcataagcag gttaatgctt tgggatgcaa agctttataa aggtgcccgt aagatccttc 420
atgaattgat cttcagcagt ttttttatgg agatggaata caaaaaactc tttgctatgg 480
aatttgtgaa gtattataaa caactgcaga aagaatatat cagtgatgat catgacagaa 540
gtatctctat aactgcactt tcagttcaga tgtttactgt tctactctg gctcgacatc 600
ttattgaaga gcagaatgtt atctctgtca ttactgaaac tctgctagaa gttttacctg 660
agtacttggg cnnngaacca ataaattcaa cttccanggt tatagcccag ggacaaattg 720
ggaagagtat atn
733

```

&lt;210&gt; 2403

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(769)

<223> n = A,T,C or G

<400> 2403

nnatccttca	actcttntct	ttttgcagga	tccctcgatt	cgaattcggc	cgagggttaa	60
aggnaaacnt	ccagggnnttt	ttcggaaatt	tnattnggaa	agggatncgc	tttttgaggg	120
caaaatngcc	aatctgcttg	cctttataag	ccngtngatn	gtttaaatcc	ggtttaccce	180
gtttatagtt	nccctgggtg	ctgaaaggtn	tnctggatga	tncttancca	ncagagaacc	240
nttgaatgcc	gttcaaatg	gactgaanca	tcancaatgt	ctgaaaaagg	cctgacagta	300
atgtacatgt	caaatggccc	gtaatttaag	cagagtagag	taagtagaag	aataaacatg	360
gggaaagtgc	cagcaacaga	ggaggctttg	agcttttgct	cttcactctg	agtggatggt	420
gttctcaggt	ggtaaataggc	catcgagctt	tctccactgg	ctgctctctt	ggggaacaaa	480
taaccgaaaa	gatactcagc	accctgggtg	gtacataggt	ggtcagttga	tttatacttc	540
ctggntttca	gtgttgcttg	aattttctaa	atggaaacac	agtaccttta	taatcagaaa	600
acaatcccg	gttttgattt	gaggggtgtt	gtaaaaagtt	naaaaaaaaa	aaaaaaaaaa	660
aaaactcgag	cctttanaac	tatagttagt	cgtattttacc	ttagatccng	acatgataag	720
aaacattgga	tgaagttnng	ncaaaccccc	aactttgaat	gccagnnga		769

<210> 2404

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(736)

<223> n = A,T,C or G

<400> 2404

ttttaacnct	ttcgaatcgc	acgaggagtt	ctacaggtgg	agtgtggggc	ccagaaaggg	60
gctcaggtct	taggggtgtc	atctgaaaaa	acagagatgg	ttgatgggga	caccagttct	120
agggagccct	ctgcatggcc	actttctgcc	tcagctcttc	taaagcattt	cttctgttcc	180
cttccattgg	ggtaaccact	gatctgtctt	ccccaaaact	gagtcagaag	ttggactttg	240
ttacttggct	catctacatt	taagatatag	tcagaaaaaa	aatgcagtct	ttacatctta	300
agaaagctta	catgggccag	gcgcagtggt	tcacacctgt	aatcccagca	ctttgggagg	360
ccaaggtggg	cggatcacct	gaggtcagga	gttcgagacc	agcctcaaca	tggagaaacc	420
ccatctctac	caaaaatata	aaacttagcc	aggcatgggt	gcttgctcct	gtactcccag	480
ctacttgggg	ggctgaagtg	ggaggattgc	atgagcccag	aagtgggagg	ttgcagtgag	540
ctgagacgag	atcgaccac	tgactcttag	cctgggtgac	agtgagaact	tgtctcaaaa	600
aataaataaa	taaataaaat	ccattaaatt	gccnannnaa	aaaannnnnn	nnnnnnnnnn	660
nnnnnnnnnn	ntnnnnnnnn	nnnnnnnaaa	aaacccccnt	naaaaaanan	tnngggggnn	720
nttntnnnnn	accccn					736

<210> 2405

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(802)

<223> n = A,T,C or G

<400> 2405

antctatctc	tttnaactcc	cgttcttttt	gcangatccc	atcgattcga	attcggcacc	60
gagcggttnan	gggttgngga	aaaggccttt	ttttncctng	gtgggtgggn	cccgtnnnng	120
gccttctctnn	nngggncaac	ccagaaatgt	ntgttnaanc	cattangng	ttccanaann	180

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ncnctaaaaan ggnataaaann cantcttcaa atcttaaggg acctttcctt nctncagatn 240
caaanncnag ancttgaggg ttncagggaa ncgaggtatc agtttcttca gcttcgacct 300
gncagaganag catcatggat tggttatgct attgcttacc atttattaga agattatgaa 360
atggcgagcca aagatttttag aagaatttag ggaaaccaca acaggacatc ccctgacaag 420
gtggattatg aatatagtgg aactactctt atatcagaat ccaagttctt cgggaagcag 480
gtctctatag agaagctttg gaacatcttt gtcttatgaa aagcagattt gtgataaact 540
tgcttgtaga agaaacccaa agggggaact tctggttgca ctatgtcgtt tggaaagatg 600
ctgccagatg tttatagagg gattgcaaga gagaaatcct gaaaactggg ccctattacc 660
aaaggcttgg aaaaaagcca ctcaagccca gcttaatatg ttagaaacgg cttaaaaaat 720
tatganggan ccctggacta aatattccca ggggactggg tgcccaaaaa ggcttgcccg 780
ttnaaacttt tttatctggn gg 802

```

<210> 2406  
 <211> 1160  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1160)  
 <223> n = A,T,C or G

```

<400> 2406
gncgnngggn ggngangngg gngnanngng nngnggggan ngngngngnn ngangnnnnng 60
annnaangan gagtcgnann nnnnnnnann gggaannngnn nngnnngntnn ananagnngg 120
atganggggn nangggaaaan tggnganggg ggngnganan gaaggangan ananagnngag 180
ggaaagcagn ggagngnnnn nngcngngcgn nnggaganng ngtanngann cncnngngcg 240
cncnnnnccc angttngnng aaaccnccgt tatgcgga aa acncggccct nngntnatag 300
gnnngacccc ngggnncggn ccgcngggga gnanngnaaa nantaacggg gngggggggg 360
gggnagnaaaa ttttttttcn gatagnnnng agganccgng gnnntggggg gggagcgcg 420
nagnnnagga anccggggna ttntgnggnc nanngcgcn ngcncaggn gcgnnggcga 480
agaaaggnc ntcaggantg gcggaaggg cnatgncga nangngngng ngnnnnnnag 540
ngnnnaaggn nagggnnncg agnggggnag ggcgntcgg ggagngggg aagagggng 600
tggannagg gnatggnga ancgngngnn gcaccgaaan ngnggagann gngngnnngn 660
gcannggggn cagcagncgg ggnggggtng agannggagn cnggacagna cnnntnataa 720
nnngcngggn ggngaacgag gagnggnna agganagcng ggngggngga ncnnngcnn 780
nacgngnggn gatnatgcgc gcgnaacgg gngnnnnngt gngagncgcg ngangtnggt 840
ntggatgcac gcgnganggg nntnnacga nnnannngng ntagggngan gagannngg 900
cgagctagan gggacgagag gatggangan tgtgngngan nngngcaang cgnatangag 960
tgcgncgagg gggcnaanna tgtngtccg acgagngnga cggacnggan ncacgagcgn 1020
gnggaggagc gtngggnggg nacaactggg agacgcgcgc gaaggggtng annangaagt 1080
aacgtngag acgagggggg tagannnaca gngagcgag nggngngang nncnggggna 1140
cgagngngng nganncgcg 1160

```

<210> 2407  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

```

<400> 2407
ntaacnncnn ttncngagc atgateccan gncctnttca cctctgctnt nncctgacgn 60

```

ngttgtatna	gtaacngcta	ttctaacagc	ctcngttcag	acangatgtc	caatgggtgnc	120
ntttttgctt	gnctgagggn	gcctcatgac	tgntggcccg	nnggantnaa	ctgcctgtgt	180
actccaggac	tcatgacaat	nctgtaacta	gacctgccgc	aactcatggn	tcgtatgac	240
attctattgg	atctncaggg	gcangggagg	anganatccc	cattntgcta	cngctaagtn	300
gcaccnctg	nnnaaaagg	nannnnncgan	ctnganntgn	nncccatgnt	taaanactct	360
ntgcaaggcn	ngcccgttca	accatttctn	atnnntccna	cgnannnnngt	ncntnnncna	420
gactgattac	nacntgggtg	atntgggtag	ggcatgttcc	aacggggcct	ctctcatggn	480
taatggggca	tcggggaaan	cacagaatac	tttgcccttt	aatanngatg	atacanatca	540
ggatatccat	tactcacatg	tgtctggcat	gcantantca	cgnngctncn	antgtctnnc	600
tttctggann	tnttttgaat	tgtanaaatg	actttggccc	taaaattctt	ngctcagngg	660
ctnctagctg	tgtacacat	ttgaacacat	gtttnaaana	atatcccacc	cacnctnnct	720
tngtctcagn	ctntggncag	gtatgaacct	nttcan			756

&lt;210&gt; 2408

&lt;211&gt; 808

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(808)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2408

ncatctcttc	aactcttgtc	ttttgcanga	tcctctgttc	ccctccgcac	gagaattaat	60
taatggggccc	ngnttaattg	cntnnctecn	ncaaaaggaa	attattggng	cnaattnncc	120
ggccacccca	cagaccgggn	nangataana	ctgtgtaacc	ngngcttgtg	ncaaanant	180
anttttcaga	anctccaggg	aactcaattc	ancaggaaaa	ataattaatc	ccaccaaaaa	240
gtgggcaaat	gacatgaata	gacattttctc	aaaagaagat	atgcaaattg	tcgagaaaca	300
tatgaaaaaa	tgttccacca	tccttattca	ttagagaaaa	tgcaaattaa	aaaccacagt	360
gagattatca	gcttattccg	tctagaatgg	ccattattag	aaagtcaaaa	tacaatagat	420
gtttgtgtgg	atgtggtaat	gcttatacac	tactgggtggg	aatgtaaatt	aatacaacct	480
ttatggaaaa	cagtatggga	gattccttaa	agaactaaaa	gtagatctac	cattcaatcc	540
agcaatccca	ctactgggta	tctatccaaa	ggaaaagaag	tcattatatg	aaaaaagaca	600
cgtgccacac	cttatcttta	ttgcaggacc	catttcacaa	ttttccaaag	atattggaac	660
cccaccttaa	atgccccatt	tgacccaatg	gaggtggaat	ataaggacca	accgntgggt	720
gtattntggg	atnatacccc	ncccatgtgt	natactacct	tcagcccctt	aaaaanggga	780
atggaagtta	atgttggttt	ttgcacct				808

&lt;210&gt; 2409

&lt;211&gt; 1425

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1425)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2409

cnccgnaacn	anaatggcga	nagagctngt	aanccnnnng	canattcatc	tgcggnccgn	60
cnccancgna	anaangnnnc	acanngangt	gccaanccga	annaannann	nntngngaac	120
cntggnagaa	ccccacanga	actnnaaaag	cggccnnccc	agnncaancn	gncngngng	180
gggggagagc	cgaanntnca	nggtcanana	gcagccgnta	ncngggcccg	agngcnatag	240
cagnccnagt	gggancgata	ttctannggg	cccnncnaa	gctgggggcc	antnacnnnt	300
tgcgnggnag	ntnagcanag	gcccgtgggc	nagcncagnt	ggtcnanncg	gagcgnccna	360

```

ccnaagaatc ggngnagcaa acggnngcna ncgaggaacc aangggcngg cgnaaaannn 420
atntnaacaa gggtaatgaa aagaacaggg ntnanggang aaaannactn ngggnnnggn 480
agcnnngccc tgaccannga angaaagtgg ggcngnnnnc cgnnannngg ncgnaaagcn 540
cccnancccc cntnctgnan nnnggacnng gctagccaan ntncnctct cactgngcgnn 600
nctgcnaatc gcatgcgngg ngnggggtngc aacagcgaga cncatcac nccctatnnc 660
nncgncanc tntacgatcg ctacatccac ggtntatagc nnnctngtng cgcancgnac 720
gnnggcncan ggngnnnact tgcngntcn cgancngcng anggggggnc anaagacgnc 780
tgnnncgcn cncatatacat cncacaacac acgcnгааan atngngagtg ancgggaaa 840
acacacngtn tncnngnana cgggaanaca tncggactna cacacatcg angactgang 900
gcggganngc acannagngc angagacaga angtgcntnn cncncganna ggcncannnt 960
nangaanagn tgacagnacc acacnnnnn ctgtcacanc cnatcgcgca cactatagcn 1020
cacgcgacat acgaancnca taacgtgnac acatcnccac cgnagagatc acacnccaga 1080
ctctagagaa cgnctcngng nancnctcaa caggagnagc ancncgcggg gagaaganga 1140
gatncccnnc tncntccctg tnagcnnngc cnaantgtng ncacggngng ganccgcnag 1200
ancncganc nnacgcnnnn gngntncnan gncnngcna gcnacttaac gtcgcccanc 1260
cgnatntgc acanacnanc nntntntaan ngcgagcnc gannncang naagtcnngn 1320
anagcgctan gagcagcanc gacatgtngc cncgnaccgc cennntatan nancncatc 1380
gcntcaacan ngagagaatg cgagctgcn tctgtaant cnccg 1425

```

&lt;210&gt; 2410

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1125)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2410

```

cancnncccc nnnnaannnn nnnnnngngc nnnnancgna nnnngnannc nccccancc 60
nncnngccnn cnnccangna acngnnnnnc canncnacga ngncnncn nccangang 120
ncnnnnngcn canncncnc ncnnnccgn caccgcnnc nacacnccnn ngacncannn 180
gngtntcaen aactcgccnn ncacnncagc acannacccc ccacntcgcn ctccanaccc 240
gacgcaccac anctcngna ggcancnnt ttgtntcgg gnaaccccct nncgcagcnn 300
ccngntngga cnnngcccana cncgcagaa cncacacaag cggcnacttc agcngcnncn 360
gangnangac nggggcacag annnntgaa naagacaann anngatcnc ggtcangngg 420
cnagcnaggg cnagcccagc cagcgagcat aagegtnnan aanggcnagc actntcncag 480
ntnngaagcc ngcnagacct nggcnatata aaatagcagc nngacacggn caggagcaga 540
ggngtgcgga gnagganang acnaggancg gcaccaccaa tcagaaaanc agaccagcac 600
ancntnaact gagcnaggg tnatgnagcc aggcactata ctngagngg agcntngaaa 660
gacacncana aaaagacang angccnanaa ggctaaggnc agcggctnat agcccgtaaa 720
cnnccgacn tnnagagagc cangggngga gcancnaagn gccagggagt gccgagcacc 780
agncangngc naactannng gggacaancc caaccatna cananaagac naaccacnag 840
cngaangng ggggggcncc acacnngca gncaggcca antctggan ggacnacagc 900
ggggnaaan nnaccnggan ccccgggana gncangccn gnnngnagagc caatngatnc 960
gggccactgg nccacancg nccggcgcg accncnncn naanagacgn cnnaccana 1020
nancnngcn ctncanccc ggcngncnc canatnncan gnnncaagan nccanacnc 1080
gcccaaagnc caccncgcn ccngnncnc gggcccnnnn cccct 1125

```

&lt;210&gt; 2411

&lt;211&gt; 763

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;



<221> misc\_feature  
 <222> (1)...(763)  
 <223> n = A,T,C or G

<400> 2411

```

anntcnnttt gttccanacc cgaattccgt tgctggtegg tttcttaaca tttctagtgt      60
tctgcaacca tccctgtctt acattacatt attaagtttag ttctattaca agactaatga      120
atgacagaat agagcaaaca tggacttttg agtcagacag acatgagtca gataagagtt      180
caaaccact gactgccgta aacttgggca agagatttaa cctgtcagg gcctcagtgt      240
actcattagt aaaggtaata ataagtctgt aggaaataat acctacatac ttacatttga      300
catatattta atgctccagc ttaataaggt tggagtattc gataactgat aaaaaacctt      360
gcacagtatt gagcaggtaa cagacattca gtaaatggca gtaccattcc gatgatactt      420
tanatgcttg tgtgctatac tgttcaagaa ccagctggaa aagacctcag gttacctcca      480
gggtagggat aacatttacc ttagagtttt tgttttttgn ttttttgaga tggagtctcg      540
ctctatcacc catgctggag tgtggtggca caatctcact gcaangtccg ctcccangtt      600
cactcccttn tctgcctca gccctccga gtagctgggg actaccnggc acccgccacc      660
annccccagc ntaatttttt gnatttttta agtagnagac cggngntttc attgnnntta      720
ncccgagatg gtctcgatct cctgacctcg tnaatccgcc ccc                                763

```

<210> 2412  
 <211> 754  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(754)  
 <223> n = A,T,C or G

<400> 2412

```

nnnnnntttt acncgntcga ttccttgctg tcggccaagg gctccactcc agtcccttgc      60
ctgtcaatca gaagatgctc agaggagagc ttctgcatca tcttcatctt gacattccaa      120
gagcagtacc gggtcagcat ccacaaaagc aactgtataa actgggaact gtgtcttacc      180
cttctgagt gaaaagggaa agtttatgcc tcagcctgag gcagggtggg cccttgccat      240
gcacaccttt gtcctgcagc cagggatcca ctggtctggg ctcaaccctt ccccgtcagg      300
gacgactgca cagaaaggag cgcggatagc agcaaggccc gccacgggga aggcctgctt      360
ctgtgggtcc ccctgtgttg ctggcaggga gtggtacggc gctgggagtc cagaatcact      420
gaggacacgg aaagcttcag cttctttgag aaaactcaga ttttgtaa at gcgcacccag      480
ttgacagcac ttacggtgga atccgtggag ttggacttgt gagaagcctt gccctgangg      540
ggttcttggc tgggtgtctgt cctggangtg gatgccttga tggcttgtgt ctcccgtgct      600
ccccacccc angtcctcat cctcaggact gtgagacgcc gtttggacct tggangagcc      660
tggangagctc ttggctctgt ggggtatggc tgctggcatt tgccantttg aaacctgaag      720
gattggaaaa tgtctgtata ccaanttoca aatn                                754

```

<210> 2413  
 <211> 752  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(752)  
 <223> n = A,T,C or G

<400> 2413

```

nnnnnnttta ctcgntcgan tccgtgctgt cgccttgaat atgtaaaaaat acctatcata      60

```

tcagtgtaat	actatcttaa	caatcctaaa	aaccaggaaa	gaaaagcaaa	atacagccaa	120
atcaatgtca	agaattcttg	ggaaggctgg	gtgcagtggc	tcctgcctgt	attctcagca	180
ttctgggatt	acacttgagt	ccaggagttt	gagaccagcg	tgggcaacat	ggcaaaacct	240
catctctaca	aaaggtacaa	gaaattagca	ggcatggcgg	cgctgcctg	tagttccagc	300
tatttgggag	gctgagttgg	gaggatcact	tgagcccagg	aggtgaaggc	tgagtgagt	360
caagattgca	ccactgtact	ccaccctagg	cgacagagca	agaacctgtc	ttcaaaaaaa	420
aaggaattct	tagaaatata	caccagatat	taccatacat	atgaaactca	tatatagagg	480
gttataaact	tttgcagatc	atttacctgc	aacattgttg	attttactcc	atgaattctc	540
tattcacatt	gcatcatagt	acacacacct	gcaacccaaa	tataagtaat	tcctagacag	600
ctttgataca	tccccagaga	ttttatgtnc	aattcatcca	gctaaaaaaa	aaaaaaaaaa	660
aaattctctg	ggccgttttn	tacgnaaatc	ccnccntgat	aagaancctt	ggnnnanttt	720
ggacaanccc	nnnnntnnan	nnnnnnnnnn	nn			752

&lt;210&gt; 2414

&lt;211&gt; 1601

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)... (1601)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2414

cncnnnnnnn	nnanancnan	acacngcnac	ancnngcggn	cngcncaana	gangaacnnc	60
cgcnngcgng	gcccgnnnnn	cnnnncngac	agncgnncnn	gannacggnc	nnnnnnggnc	120
naccananc	nnncnccgac	ccccccngag	cnacnacnnc	ncannaaaaa	ggcttgagcc	180
ctntggaagc	caagncgnag	ggaggaaaaa	ntggngcccn	cgccncgagg	ggacagcaga	240
gncgagnang	gtgagacgng	gancgaaggc	ccaggggang	gcaaggaagg	ngagacggcc	300
nggtcagaan	gaaannhang	ngcgaggnag	cantgnacnn	gnccnggagn	anggaagagg	360
gcccagccgn	gaagnagccn	cacangngcn	acagcccctg	ganatgcgtg	ngnanaaaaa	420
acgganann	gaccnnactn	ggnaccnncg	actggcnngg	cacngccaaa	nnccgccacng	480
gcaggaaacna	ccacnggggc	acanncaggc	cngagcnnaa	ggacatcnan	acgnangnaa	540
nacccgnggg	acgngnnaaa	gtaagacann	ggnnaaaaa	caanccgggg	aggggaagagg	600
cgngcgcang	ngggngcana	naagcaantt	tcnaccgatn	aaccgggggn	gcacaannag	660
gnngggaacc	ancggcngaa	anngaaaacg	atngnnccng	gggnaagnan	ggccnangca	720
acngggagaaa	cnaccacggg	catntgnanc	nnangaaaaa	cncngggcaa	nnnccangnn	780
ngggcaaacg	nggggcacna	cgggcngnac	catgnannna	ggcctcngnn	ggggcgccaa	840
aanagaatcg	gncnnnggga	nacgcaaaga	ccgctcgccn	cagnggngng	aaanaacana	900
aaaggggnc	caccgggaca	aaaaatcana	cancnaaaag	ggggagnnac	antctcggag	960
acncgaacna	nnacnancaa	ngntcaggaa	cntggggcca	nnananggc	aaacgnanga	1020
cccacacggg	gggganagnc	acnctnagg	gnntaaaaan	gacannacaa	nnccggggana	1080
ggnnacnnc	cgggccaann	nntntcgggg	gcccgaanga	gncaaaangc	ganntncaac	1140
acgcgaaagg	ggngnngcgc	ncnccnaaan	aggggggaaa	cnantcacan	ngggnacaaa	1200
gcgcnganc	tcgnggcgcc	nangggaaa	gngcanngca	gnggagtag	gcaacacgng	1260
caaaaangaaa	aagngccgng	aaagggccgc	ggnaaacaca	gaatncacga	naaaaggncn	1320
gaagcnnnna	ncnnnggnna	tncnaaaana	naangngnnc	ncgcacnnc	caggannggg	1380
ccnngcccgc	gagagaaaang	nangccanca	cagagngggg	accttcnngn	gggaaccnca	1440
ntggggngca	accnnnnaca	aancagacnn	gngacngaan	nnccngcacng	cnnaccnngg	1500
ngaaaccnt	caanannggc	caaaacnnan	anccnanggg	agggnnccnt	ananngggcc	1560
ccaaaaana	anngccnnnc	agaancnaan	ccccggncgn	n		1601

&lt;210&gt; 2415

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

<400> 2415

nnnnntttna	actcgttcga	ttccgtgctg	tcgggtgggat	ggctccccct	atgaaagtgtg	60
tcagtgagc	aggtcaagg	tttaggtttg	gggtacggac	atgagtgcag	gagccttact	120
ctcctgtgtg	ttgtcaggga	tggataaagg	ggatgaagtt	ggaggggttt	agtgaatggt	180
tgggacagca	aatttcagag	aagagcattt	ggaaataatt	ttctcaaata	tatatattta	240
aaatccatat	ttgatttttt	tccctcaggg	attcccaagc	atagtagagc	taaaatgaat	300
taatttggtg	aaaagtaaag	ttaaggctaa	gttaggaaac	acttttataa	acaggaacct	360
gctgctgctg	gtggctcctg	ccttgtagtc	ccagcacttt	gggaggcaga	ggcgggtgga	420
tcgcctggga	tcaggagtgc	gagaccagcc	tggccaacat	tgtgaaacct	catctctacc	480
aaaaatatga	aaatttagctg	ggtgtggtgg	cgcatgcctg	tggtoaccagc	tactcgggag	540
gctgaggcag	agaatcgct	tgaaccagct	aggcagaggt	tgcatgtgagc	caatatgtcg	600
ccattgcact	ccagcctggg	caacagagca	agatactgtc	ttccaaaaaa	aaaaannnnn	660
cnnnnnntnn	nnnnnnnnnn	nnnnaaaaaa	aaantnttnc	nggggccttt	tttcnnnnnn	720
ccccnnntt	naaaaacct	ttngnn				746

<210> 2416  
 <211> 743  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(743)  
 <223> n = A,T,C or G

<400> 2416

nttttactcg	ttcgattccg	tgctgtcggg	gcagtggcac	atacttgtag	tccaagcttc	60
agaaaggctc	aagtgggagg	atcgcttaca	cccaggagat	tgaggctgca	atgagctgtg	120
atagtgcac	tgactcagc	ctgaatgaca	gagggacacc	ctgtctcaaa	aaaaaagtca	180
gtttctcact	tggactaact	actttttaac	tgtaatagc	tgggtggctgc	catactggac	240
agcccaagac	tagaggctca	atgggctggt	ctccactctc	tgtccaaggg	aaccttcctt	300
tatgtgcttt	ttgctttcaa	gatggggtct	tgactccag	ccggggcgac	agagcaagac	360
tccatctcaa	aaaaaaaaan	taattaaata	ggccgntgt	ggnggcnaa	cgtttatant	420
cccagcactt	tgggaggcca	aggtgggcgg	atcacagggt	cagganactg	agaccatcnt	480
ggccaatgtg	aaaaccggtt	tttactaaaa	ttccaaanca	anttaccag	gcntgggtggt	540
gcncnctaa	agtcccagnt	aatcaggagg	ttgaggcagg	aaaatcgntt	ganccaagga	600
ggcaaaggct	gntgcantga	nccaanatca	tgccantgaa	ntcaaccctg	ggtgacaaaa	660
tganactntg	nntcaaaaaa	aaggataanc	ttaaaaaaa	aaannnaaaa	aaaaaatntt	720
nggggccttt	tttccnnaaa	acc				743

<210> 2417  
 <211> 833  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(833)  
 <223> n = A,T,C or G

<400> 2417

```

tgctgtcgtc ttggagcttt catttactaa tgaggaacaa atgatagtc ttttatgaca      60
atgtgttata aattaacaat cctcttttaa actagattta taaaacctac acacttgagg      120
gtttccattt gttctatcta gatgtatttt gagaaatctg aaacaaaagc ttgntntttt      180
gnttgntgt ttgtgtttg aaacagtctn gctctgtcac ccagcctgga gtgcagtggg      240
gcgatcttgg ctactgttaa actcggcctc ccagattcaa gcgattctcc tgcctcagcc      300
tcctgataag ctgggattgc aggcgcgcac caccacgccc aacataatga aacctccgtc      360
ttctactaaa aatacanaaa aaattanctt gggcatgggt gcaggccgcc tgtaancccn      420
gctactcnng aggcagaggt tgcantgagc ccnanagtct gccattgcac tccagccctg      480
ggccgacagc gggagactcc cgtctcaaac aaanattann ngactaannn antaaatttc      540
cccnggnnan tcntaaaacc ctncatnngn nttntnnncn ncnaantttt ntecnncnctn      600
annntngntt naanccttnn ccnnttttnn acgaacnctg ctancncaan tatgnntccn      660
tcttcccna naaacaatnn tggccaattc ccccatgnnc ctattncac nccctnttaa      720
atanctccc tnnaaantng aactcnantt ccnnnannnc ntttncnctc cgnnaanctn      780
ttcttttcta aaanaattnn cngnctctgn tcttnnccnn ccantencan cct          833

```

&lt;210&gt; 2418

&lt;211&gt; 735

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(735)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2418

```

nnnnnnnttt nctcgntcga ttccgtgctg tcgatttttc attatgtcta cggaggagtg      60
tctctgttat atcagtagga aatcaagggy gctttttcag agactgngtt ggttcctttc      120
aaatatttga aacactgaca gaaggagaca ttttagattt cctcaaagt tacactgccc      180
agttttgggg ggaggcatgc ctagtttctt tgaaactggc tatgttttcc ttaataacctg      240
atttgctttt ctctgtaatc cttaaaataa aatttggtta aagtgttctt cattatggaa      300
acaatatata tgtggtaaac agtatagaat ggcatacctc attcatactt ctcttccca      360
gaattaagca ctttattctt tttctgatgt gatagtttct tttctttagc aatatatttt      420
cttctgtttc ttgctatcac tttatatatg taattctatt tcttggtatt acgctaatat      480
atataactac ctggcattat gaatttgact cacttaacga gaaatgttct aggtgtttac      540
atgggtccaga attagtttgt gttagggatc caggactgtg agtactaaaa acttgatttg      600
tgtgtaggct acaaatgaaa aagttaacaa tgacttttta agagaaaaca aatgtagaaa      660
aaacaaaac acagtctggc tcggcctccc aaagtgtctg ggttacaggt gtgagccatg      720
gtgcctggcc aaann                                     735

```

&lt;210&gt; 2419

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2419

```

ncnccccnnnt tttgaacccc ttctgattcc ttgctgtcgc tcagggcaca gcaggcagtg      60
tgttagcctt ggtctccctt gccctccaag tcccacaggg caatactggc aggccagga      120
aagtgttaca cactgcaggt ttgcatgacg gctaagggaac cacaatctta gggagatact      180
atctctgtct tctaaggcca tttgtgttac aaaaatcctt gaaatacctg ggcacagtgg      240
cacacctata atcctagcac tttgggaggc tgaggcaggc ggatcacctg aggttgggag      300

```

```

ttccagacca gcctgaccaa catggagaaa tcccgctctct actaaaaata caaaaattag      360
ccaagcgtgg tggcgcgagc ctgtaatcca gctactcggg aggctgaggc aggagaatcg      420
cttgaaccca ggagggcgag gttgtggtga gccaaagatca cgccgttgca ctncagcctg      480
ggcaacaaga gtgaaactcc atctcaagaa aaaaaaaatc cttgaaatag tctggaacaa      540
aatctgtcaa catctcagcc cacaaaagta tcaacaaaat tgatatttng ctgcatttaa      600
aaaattttta atggtggtca aagcgtncaa aattntgaca atttnagaca cccccatga      660
gacacngaat ttatntnccc aataaaaaatt ggtctnttaa aaaacctggn ttcccncaaa      720
tatnggaaag ggnnnaaaaa ntnnnaataa aacnctgtgg ngtcnaatt      760

```

```

<210> 2420
<211> 1145
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1145)
<223> n = A,T,C or G

```

```

<400> 2420
gctgtcgcac aactggncag tggcagggct agggatttga aagcagttct ttccattttt      60
ggttgttggt gactcaaagt cattctgaac tttcagaatt cagggtggtg atgggggtgg      120
gtgggggtgt cagtatgctg agctcaggcc actagactgg tctgctgtgc aggatggcct      180
tgtccgttgc tgnatgctta gcacatgggg acacgtggca gctgcttagt gaagagntgt      240
agggnggatg gatgagtgga tgggtagatg ggtggatgga taggtggata gnnnatcggc      300
cccccttten cttcngncen aantentntt tcaactattct tctnncatgt ccctntcnan      360
nnctntntct tcctctcnac acnntttnan tntctccnc nctccatnc ctctctttnn      420
ttncctnccc ctctnancnn tacccttcaa tnccaccctc cttctancnn ctctccccn      480
ctcttctctc tnatctctc cttctatent ccatacana cntctnntc tatcctcnac      540
nnctennnnc cctcncctcc ntententac cttatcccn acncatctct ctctctacta      600
cncnttctct ctatctatnc ttacctcanc ntaccatate tnatcacnnn ctatcncnt      660
nntcttntct ctctnnacce tcnntcagcc ttctctntan tctcncctat ctcntttcat      720
acctccaat cnncttntcc actcctcnc tctctatncn cctnnnannc acctncatct      780
ctcancatt atnnctnnta cctnctcnc acccctntct acantctnat cactcttcta      840
cnnncatcct cncctncctc nntctnact tctnctctct cncnctcnc tctctatnat      900
cncctatent tctctenact ctnttatanc ngatcctct tctctccctc tcnacaactc      960
atctctntc ctctctctca cacactctct cntcctnat ctncctgnat atcncacctn      1020
cncactctan ncttncnac taatctntc aaacnntct ccactnctac tatcactcnc      1080
tcatnaattt nctnctctct cccacacatc atatccancc antctcnant cncctcatcc      1140
tctct

```

```

<210> 2421
<211> 1500
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1500)
<223> n = A,T,C or G

```

```

<400> 2421
cnccgngcan nacanacnca cgcnnnnnan ncncgaggac acgnnacnnc nnnacnanc      60
acngnnccnc nngcacnna cncnccnngc gnacnncna ncnnncannc nanncgangn      120
canagcnnnc nncangcncg nncacannc cncacngaag canagagnan anaccagcg      180
cncnnnnncan acccgcanng acccgagng cngnctnngg gaacctcttt tacgnaagac      240

```

```

ccctggngngg aagaggngcgc gngcaggcta ccancgggca cgnaacgnag acncaaccga 300
catcngnacc gggggaggan cnggggncac gnnccnnngcc nggnaagnag gangnccgnc 360
cccgaagcga cncngccng gnnngnacgga cnaccnnagc acntcangan ngngcacgnc 420
ncagngcgan gacaancgcn caccgncacn nncngccgac gggnggggaag acnccgaccn 480
ganagcgccn ccccagatgn ggaagcncga gcgncnngaa gcnaacgcac cnggncgggc 540
cccccagggn cgcaggganc gnnccacann aancgcngcc caggngnagn ncccggcacn 600
ancncngnnn anacaggcnc nanggacagc nncncgggaac aggganagn ggnccacngna 660
acancngnca acncggcgaa ncccncggcg ccagacnnca cnggggncn ngcancaacc 720
tagcgnnnca cggaaacgcn cncnnggaa naccacgncc acnnacgccg cnnaaantgc 780
gaccngnncg nacacgaang nacnggggca cnagcacnac tcngacagca nagnngcng 840
cnnccncnn nagecgtcgc gacacnanag ncngacgggn cnggnaaann nngggagagc 900
gaanaggcgg gcacgcnnngn gaagcnggac tacggccncc gggacnnncc agngagnnc 960
nntcgacacg gggggggncc acacancacn cacncggnga accgccacac nnannccncc 1020
ncnggggcn cgcacannga naccnggnan aaaccggggg gccccaccat ngnggcanaan 1080
caccaanggg gccggncgcg ccggaacccc cncngncggg cagcncgca aacgncatan 1140
gaccnngnn cgcgcngga cgnngangga cancangcn cggcaccanc nnanatnngn 1200
gggcacacgg cgcaacccc acgnacggnc nnaaagnggc acanancngg ngngcangc 1260
tnacacgnc ncancngnct cgaggggncg ngcacannng gatcagaccg ncacnngng 1320
ncgncncng gngnntnnn cccnctcnc nganaacnng cnnnnanagg ggggccaca 1380
cngacnaang gggcgacgcg cncnntacgg ggggcacana cnagnccncc agccgncac 1440
cannaanacc acgggggnac gcganaaacn acagnnnccn nnnctcngng gnacaaacct 1500

```

&lt;210&gt; 2422

&lt;211&gt; 749

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2422

```

nnnnnnntttt tgaacatcat tcaatcctt gctgncgggt gtgggccagg aaanaaccag 60
cancangtta aagtaactcc tggcattgcc caccaggggg ctggtgcacc tgctgacctc 120
agggtcacag ttgagtcatt tgccagtga cggagcaagt ttgaccttg ttctgttgc 180
gaagcaaatt tggaactttt ctgtctcagt gtgatccact aaccacagc atcatttgga 240
acctgaata gctctgcttg gacaatgggg ttgggggaata gggttgtctt tcctatgaaa 300
atgccatctg tagacctgt gagtcanccg tccagatgtt tgcagggtgaa ttcctctgct 360
tgacatcctc cctgncactt tggaccctat gggagtgggc atntccacgc acctgtgtat 420
gtgaaagtca ttttacattt caaagcagtg tgtgtntctt atntctatat ttttaactct 480
ttattcttgg atgtataaag tgaactttt ggcttctgta agtatgctct atgcacctct 540
aatgttttat catgtattta tatgtgtac acagtactgg ctgattctgt aaatggatgt 600
attgtacaga gaacatgaac gtctcttctt aattttacat cttcagcatc attgcattaa 660
agtgggtgaa atctccttct ctaaaaaaa aaaaaaaa aattentggg gccntttttt 720
nctnaaaccc aaactttann agaaccctn 749

```

&lt;210&gt; 2423

&lt;211&gt; 767

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(767)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2423

```

nngtcctttt gaaccgntt cgaattccgt tgctgtcgga aggggtgctgc tattgggtct      60
atggaagctt atctatcaaa ggagcaaaca tccagaaaag tgtttataaa gcaaatgtat      120
tgccctctgt tagagatttg cccagctgtt ccagttttta acattaaaaa ataaactcag      180
ttgccatggc aaaaatagaa tgcacagctt acttataatt ttccatgcag tatagcataa      240
ggatttttga cttgaaacaa ccaaagaact cctccttaac gagacagtcc aaattcctga      300
attagtattt cttgactatc aacttaaaga atggacttcc tagtacaatg ttgcacttat      360
ttttctttct gaaataattc tgccatgcag tatgtgttgt gttttagctt ctccccctac      420
cccaccccaa agatcttttc ttccaatggt ttaatgtctc aactcggcta ctgnttacta      480
tcagatgggt ttccattagt gaatttaaga cctctttgag aaagcttgta tataaaaagt      540
taacagatat attttatgga aaaacccntc ttattttcaa atatatattaa ctgctgttat      600
attntattag agganggttg taaatatttt nctaggagtt ctattgtaaa agaaaaagta      660
ttttttgaaa aaaaaattaa tngtaataaa aaagggaaaa cctttttaaa tagntgggtt      720
ggcgattgct tcctggttct gggctttcnt tatgtcctat ttttcnn                      767

```

&lt;210&gt; 2424

&lt;211&gt; 747

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (747)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2424

```

nnncnttttt gaacncgntt cgaattccgt tgctgtcggg accattaanc ctgcctgggt      60
ttgaatccta gcattgtcat ttacaggtaa tatcatcttg ggcaattcat ctataaattg      120
ggataataat accaaatttg aacaataatg ataggttagt tgtaatgatt aaatcaaata      180
atgagagtaa actcctggag tagtgactga cacatggcat gtaataaaca tttttctttc      240
tacgaggtat tgataattat taacctctta aaagcaattt ggactccctt tgtctcttat      300
tgtcctgtga cagttaccat gagtgcattc tcccattttt gtttaccaga tctgccccag      360
gaacttttta aaagattgat ttctttcttt tgaaaaataaa acaaatatgt gaaacatact      420
gaaaatgcta aaacctacat gagagtatta gaaagtaaag aatgtaattc tataatcagc      480
tacatatgga taggcagaga gaggggtctg cttcttgtcc agctgtagct ctgtgctagt      540
ggaagcatgt cctggagttc acgatgtggc caagagaaca gatgtagtta ggcaatggag      600
atgggacaga gagctgcaa gtgctgcact tgccctctta ctggacccaa aaggctctca      660
agtgtaacac ctttctgtag tgctgtagat cattaatctg ggtgtgtgat gaccatctga      720
tctagcacat ccagtggtcat tgtgcat                                          747

```

&lt;210&gt; 2425

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2425

```

nnnnnnnttt ttgaaaccct ttcgaaattcc gttgctgtcg ggaacatttt tcaagcnaga      60
aagtgntctgg cttggttcta tgaatatgca ggtcctgatn aagttgncgg gcngaagga      120
atggaaaaat tangtgaaga cattgggtgtt gaacctgaaa ntattattat gttagnntta      180
gcgtggaaat tggaggctgc aagcatggga ttntttacca aggaagantg gttaaaggga      240
atgacttcat tacagtgtga ctgcacagaa aagtncaaaa acannatttg actttntgcy      300

```

```

ctcacagttg aatgatattt cgn catttaa gaatatctac agatatgcct ttgattttgc 360
aagggataaa gatccagaag cettgatatt gatactgcta aatctatgtt agctcttctg 420
cttggganga catggccact gntttcagta ttttaccant acctggagca atcaaagtnt 480
cgtgttatga acaaagatca atggtcaatg tattagaatt cagcagaaca gtccatgctg 540
atcttagtaa ctatgatgaa natggtgctt ggcctgttct tnttgatgaa ttngttgant 600
gncaaaaanc ncnnggaca tnatagcann gaactatntg aagaaaatgc aaacctttca 660
atttcccacg tgtatncnag ctaatgtgat nanggggaaa anaaatccaa cggntgcant 720
ttcatcctc tgaaagactc cntagtncc 750

```

```

<210> 2426
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 2426
nagnnnnttt tgaaccgnt tcaattcctt gctgtcgaga tttggatttg acttgagggg 60
tataccactg gacttttcat ctcccttgg gattattgtg aaagattttg agacaattgg 120
acaaaataaa ttaattggca cggcgactgt agccctgaag gacctgactg gtgaccagag 180
cagatccctg ccgtacaagc tgatctcctt gctaaatgaa aaagggcaag atactggggc 240
caccattgac ttggtgatcg gctatgatcc gccttctgct ccacatccaa atgacctgag 300
cgggccagc gtgccaggca tgggaggaga tggggaagaa gatgaagggtg atgaagacag 360
gttggaacaat gcagtcaggg gccctgggcc caaggggccca gttgggacgg tgtcggaagc 420
tcagcttgct cggaggctca ccaaagtaaa gaacagccgg cggatgctgt caaataagcc 480
acaggacttc cagatccgcg tccgantgat tgagggccga cagttaagtg gtaacaacat 540
aaggcctgtg gtcaaagttc acgtctgttg ccagacacac cgaacaagaa tcaagagagg 600
aaacaacccc tttttttgat gaggttgntt tctacaatgt caacatgacc ccttctgaat 660
tgattggatg agatcattca gcacncggg tttataattt ctcactcttc tgccggnan 720
gattgtcctg atnggggaat ttaagaattg atc 753

```

```

<210> 2427
<211> 1471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1471)
<223> n = A,T,C or G

```

```

<400> 2427
nnannnnccc nnnangngnn cnnnnancnc cnnnnnnnnn nnncccnnc cennnngnnn 60
nnnnncnanc nangngngac cennngggnn gnnngnannn nccannanc nncnnngcng 120
acnannngcc nncannncnn nngggngann nnnngnncnn cngncnnc accngnancn 180
nncancncnn gccncancnn cccgagagnc ncnnncncn cncannncn nnangcagnn 240
cncagccagc gncgagtcn nnnancncng cgatcanngc nanancncgn cennngccnn 300
gcgncgcnc tannagngga gngcctttt ttgaaacccc ggntgcgnaa anagcctggc 360
ncgctngcan naanganntn cgcncncggg cennncggac ngcgcgnanc nngnnngnga 420
ggngnncan gccaaagcaan gggacgnacg aggggnagnnt aaggctggag aagnncagcn 480
cgacnccag canggcggtg gcttagcagc gagcggagat cnnaccactg nggcccncnc 540
tagggaacag agcagagcgg ngtnaaaaa gaaaacncgg ggcgngnagn cncnaggggc 600
cntgccggcn agacgnaggg ggaggtncnc ngggccggcg gcngncangg tganncanng 660

```



```

gggacacgng gccggaccgg ngccanaggg ggnnngccna ggagccnggg aannanance 720
nncgngcgng ngngaaagcn ccgnnancnc gaanacaggn cgcncantan nccccacggg 780
nngaananana cnaanaaga acgngggcnn gncanacggn naaacgngc tccggggggg 840
gaancaaaang agntgcccc aaggngnnnaa nnacgggcnc nnacannngn ggcggnncag 900
ggggcatann cncaccgatn nanncttggg canaaanccg cnaangcccc acgncggng 960
ggnggcaacn nagnatagg agancctcng cnggggacgn tcncccnngg gggaaaaccg 1020
gacccgncgn gnnngnnncan ccaaaanacg nctgccaaga cganngggna tgcngcngcg 1080
ngggcgacac aaacagccgg ggnnnanana acnnncgna nacacnccga annaccgcat 1140
anactcgana aacacggcgc ggcganaagg agaacggtcn ccacagaaan cggatcna 1200
nanancannng gatnngnnng ggccccaaga nacgaanagc acgngnnngn tngcgccann 1260
gcgacacnng ntncnccgc tanacgnntn gancnccaca gatnncancc nngaangcgg 1320
gggcnancc gggccagaga ngngctcnca cagagggggc ncgcnccan tgacacant 1380
nccnggaaa ctncnccgc aanagngggg gggngggcgc caaaaaac aatnctcgcc 1440
tcaagccggc gcgcncatn nanaggctcc c 1471

```

&lt;210&gt; 2428

&lt;211&gt; 754

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(754)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2428

```

gnnnntttt tttaaancc tttcgaancc ctgctgtcct natacggccc ntaaatngga 60
tatccatntc gagatntang aatccaaacc ctmntatncc gacnaaccat tagctccnga 120
atnangtget aaangagggt ctccaantag ntctnttata ttctatagcc tatatnntga 180
ntcttgcatc cccacgtgtg gcntaatnan nactctatac ntgnacagct nggagcntgn 240
nntagntcca anccnaatga tncgagggtat aanatactaa catcctttgn annnacaaa 300
aagcttgnc cttatntat atntggctat gacngtntct ntanngcnc gattnancn 360
tactctattg nnnntgannt atnanncnnt nnatgttcnn ctaattctgg gncnatgtt 420
gaactttggc ctaaggattn ccttacanag agntantnta nnnncannt ntgncccgaa 480
gcntannagg tnaacttcta ttcttaatnc agnccagaga nnatgattng nactatgtac 540
ctntttttna cggnaactn nnagantatc ctctnngagc cntnattggc atggetgtna 600
ctnttttggg gtcttnagga acntgaantn aaagntgtt cgcgncctn tttctnagg 660
aaaccctng ggttttccc atgcctntaa nnccgcttn gttannntnn ccnnattcc 720
ctgctaactn ntngcctnt cngcnatncc ccnc 754

```

&lt;210&gt; 2429

&lt;211&gt; 982

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(982)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2429

```

cacntnnncn cntnannncn nnnnnncann ncnctnccna ctntnnannn annctgtca 60
nnntcctnn anaanttan cgcactcann tncnccnccn natanaccat nctacctna 120
nnancatanc nncanagcn ncnacntan ccnaccnac nacaagncna ataantct 180
atccnaaaga gcnccctttt gaacccctn ncnaaacccc gctgncgacg ccttntgcag 240
agtgaaggac ccaactctg gactgcccac attgtcctc atcaactgga caggcgagg 300

```

```

cgtgaacgat gtgcggaagg gagcctgcgc cagccaccgt cagcaccatg gccagcttct 360
gaaagggggc ccatgtgacc atcaacgcac gggccgagga ggatgtggag cctganngca 420
tcatggngaa cngggccaac gcttcagggt ccaactacag ctacacaaag gagagnggcc 480
gattccagga cgtgggaccc cangcctcca gtgggctctg ngcaccanaa gacccaatgc 540
cngtgtcnga gatnaanagg gttggtnaaa gacagcttct gggccaaagc agaanaagga 600
ggangagAAC cgtccgntg gaangaaaag cgggctggcc cgaggaggcc agnggcagnn 660
tggagcagga gcgccgggag ngngagctg cnnnangct gcacaccngg agcagcggtg 720
ttanganagc gngggcnaaa gccagccena anagcaggac gtggnganca ncancncnga 780
angcggnttc nanggaacc nnaanngatc nngaantctg ccgtgcaccc cganggnaga 840
antccnaag cccaaangng nanggacang accnaccaac ctatcatctt ccaannccn 900
naancggnt cngcngaag gagcccttt cntgcnaaaa ncncnctcac ccaannccnta 960
nacaccaact nnggcenaga nn

```

&lt;210&gt; 2430

&lt;211&gt; 1705

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1705)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2430

```

cnccacgcac nncnancang nncnacgann nncnncnncn ncnnnnnnnc nncngnncng 60
nannnnngcn nngacngcaa ccncangccg nggcgcncng ncnaanncca nngcgncnng 120
cnnnncnnga nncgagacnn gcnaagcgca cennncnca agcgcnnc ccagngcccc 180
nttggaacc cctttcngga anaccnaagn cgagcngaaa aanncgngnc agaagcnccc 240
ngggccgcan gctagcangc gggagaannc nnaacanga ggaggnccng angcancang 300
canacgnanc gagcngnng ngngngang cgaagcgcg nccccacgac cnggtaccan 360
acnagnggac ggagacgcn ggagnggtac nccgannnc nngcgcanng ccgccnaga 420
angacgncng ccacaccenn acgacggcnn gcacccaacg canagagnnc tngcnggtg 480
ccanncagnn cgaangngcc cnacngncng gacngaagna nccanagnc ancncgccc 540
gncaagnccn ncgcangcga nacaccnncn gcancggnnn gcgcnngnng cngggcgcaa 600
gncgcnann naaggncgag gncnagcng ggccgngnga cncnganag tngcggaact 660
acgcgganac gnnncnccgca gngagcacca cnagaacncc anccggngga nggnccnna 720
nanannngn nccanccgan cncgnggng anaggnaccg acgagnganc cacggngnga 780
ccccgganc cnggggncn cggagggngg nacaangaan ngcnnngcga ctncgcacg 840
tcncanacng aggactcngg cagggcgnnn gactcaanag gcgcnnaan ggnncaccg 900
cggcgacnan agggcgng cncagcgnc ringcncaa gcnggaacgg agacgangac 960
ncgcnactcn ngagncncc gcngagcgcc agggcnnggg anacgcnan agncacagac 1020
ggagcaannc aanggcgcgc gcgangaccc aaancnacga ngngcgagn ggggagggcg 1080
nacnnnnnca nncnaagccg cgcggnacg acagngcncg nagcgcgcn nnnnaganca 1140
gncacgcnng cncagcgcc catcagcgcc gcgcnaaac accgcggnna gnancgag 1200
tcgcggnacn anccnncag nngnnngacc acagncnctc cgcgccacgc nncnngnatg 1260
cnccgaanac ncacnnngc nncgngcag tngcacgcg gcganancn cgnctaacac 1320
acgcgcnca cacngcgnc cngngcgcn ncngacggn gnnntacacn cnacgcac 1380
ngacanngng ancgagcng cnancgcn aacanacag nncggggca nccanangn 1440
tcgagncgac nangagagac gngncgann gngcncan cnagctnnga cncangcng 1500
ncgacggccg cacanncac gcnngcnga ccngcagan ncacgncnn cgcagacagc 1560
cagccngcnc acngngcaca ganggacaca ngcgacacca nccgttnanc acngnacac 1620
gccacgtacg cngcnnncn acgacnngc gcgacagcnc gacngccccg acgacacg 1680
cacgggccac cgcacgctn cncct

```

&lt;210&gt; 2431

&lt;211&gt; 754

<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(754)  
<223> n = A,T,C or G

```

<400> 2431
gnnnnnnttt tgaacnccgn ttcgattccg ttgctgtcgc ttttcctttt taaagaaggc      60
tgctaattgg attttggtag ttcttacctc aagaaaactt gaattatttg ggggaaagta      120
ggctcaaaag agaatatatc ttccacattc acattcagaa cccagcaacc tggagtccaa      180
ttttcagtat tttaactacc tcaataatgc tatgaatgta agatattggg atagagatcc      240
caacttgaaa caacagccag tgcctgtggt aacttaatgt cttgtcaaat acttttattg      300
attggtttat atgccattct tgttatagaa gaatatgcct tttaaaaaag cttattaata      360
acactttccc aatttatatt ttaaaaagct aaagaacact ggattaataa tcttttggga      420
gggtagaata aaataattga ttactattgc tgcatacccg ggggtgggatg ggggtggttg      480
agaaccagaa ctatttttaa aacattaggt ttcaatataa atacaactca caactgctag      540
ctttgggggg tgggggaaca ttgtgtgggt tttgttttgt ttaatttatg gattagtctt      600
taaagtaggc tntttttttt ttttgnaaan tccggccent ttaaanggnc ncctgnaaaa      660
aatttaattt ntttnanggc ttttccnann ncccccttaa aaaaaccnc tntaaggcc      720
caanntggaa acccaaagtn tttttggttt nccc                                754

```

<210> 2432  
<211> 762  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(762)  
<223> n = A,T,C or G

```

<400> 2432
nctcnccctt ttgnaacctc gnttcgantic cgntgctgcc gnanatnanc agccccctatn      60
acnnacgtag ccacantcnc aaatnncaaa agggaatggt ctaaaacttt ttcttcctta      120
aaaatggaga aaattgcact tgtgcttgct gngtggtata taaaccagga ttagtcccag      180
ggtcgtgagg ttectggtga aaagggttaa tcgtngaagc tagtatattn tntatatttt      240
tgnaacaatn gcttttttca tgggggaggc ggngttagta tttatagncc taacaagtcc      300
agtaattntt tataaatctt cagattataa acagccccta aaaactttac aacgtttaca      360
cagtttttta aaaagagact gtntacactt gatttgcttt caaaataaat anngtcagct      420
agtctangag gttaacgten ggtaggaatg ctgatcatga taggtttggt tttctacaga      480
ttctgttccg gtgccnttcc ctatccaggc accacctgan aaagntgtca tttgaggtcn      540
cacttggaag ttacatctgt gaagcccctg tcaactcgcc agatctgtgt tgtgtancat      600
gtgcttgagg aagcacgtgc tgggctgtgc cctcatacag tgcatacccg gggcaccag      660
aaggctngcc tggctatctt ctgtctcngg tnnngtgtgg agtgntggng agggaaacaga      720
tncnngatca aacctggggc tggttttccc gtctaggctc ct                                762

```

<210> 2433  
<211> 746  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(746)

<223> n = A,T,C or G

<400> 2433

nnnnnnnnnn	tttttaaacn	ccgattccaa	attccggttg	ctgtcgggtga	aacgctgtct	60
ctactaaaaa	tacaaaatta	gccgggtgtg	gtggtacacg	cctgtaatcc	taagtactcg	120
ggagactaag	gcaggaaaat	cgcttgaacc	cagaaggcgg	agtttgcagt	gagcggagat	180
cacaccactg	cactccaccc	taggcaacag	agcgagactg	tctcaaaaaa	aaaaaantta	240
ncntntattt	tttagggcct	ttcnanataa	aanggggatt	ttcttttcct	gtntaaaaat	300
ntaanctnct	ngttncatta	gtaanatngt	nttgngnggg	ttagtatatg	tgnncttgna	360
acagntcccc	nggntccctt	atccnctaaa	tntcagtagg	tncccnattn	tgnacactgg	420
ttgngacanc	caaaaaatgt	ntccanacnt	tggcaaatgt	ntcctggggg	aacaaaatng	480
ctccnttttg	aaaatcactg	cnttaaatnc	tntgttnagg	nttaataaag	acnctaaaaa	540
nttttaanct	agcaggggac	taanaatttg	ngagtattgt	ttgttgcatt	ttcatattta	600
tcatgttggg	aattttaaat	tnccctagcc	ttatttggag	agtttaactt	tttttttngg	660
ttngtttngt	tttgaactnc	atnttnaacc	cactgttaaa	tgtaagccc	ttaaagggaa	720
tttaagggaa	cattttgngn	cccccn				746

<210> 2434

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 2434

nnnntnnntt	tttcnaance	ccnnttnega	attccggttg	tgctcgttgt	ttttccacac	60
agtggagctg	taactgcact	aagatggagc	aaacagattt	ccaaagatta	agattcagta	120
aattatagtg	agaattgaca	agaagtttct	gtttatccat	tgaccagaga	agggaaataa	180
ttcatcaagt	ttagtttgaa	ggtctcaggg	atgttgaaat	cagactttta	catcttaatc	240
cagtgagaat	gaaaaatgaa	ctacttatag	tgtctgcccc	tgacaagtca	tttctttgct	300
tanggatgca	aatcgatca	cacagtggtc	tgaaatattc	ctttcaaaga	gataagctgt	360
ttgtttttca	aaatggagct	tccaggtgtg	ctaattctga	acacgaagct	ttgttatttg	420
gagaanaata	tccttttatg	gtggtactag	gttagttggc	aaatatttac	taatgcatac	480
tttgngctan	gaactgttgt	gttcatgagg	acagagaaaa	gacaacacag	atgactcctt	540
gtctgtacat	agctnccact	ttagtgggag	gagacaaaatg	atcaaagtgc	ccccatgaga	600
agatacgata	aagtgatgcn	ttacagattg	actaaattgg	ttaangaana	tctctcataa	660
gaggcccgang	cgccggcggc	tcacacctgt	aatcccagca	ctttgggang	ccnaggcaca	720
tggatcatgg	angtcangag	ttcaaagatc	agcctgn			757

<210> 2435

<211> 798

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(798)

<223> n = A,T,C or G

<400> 2435

nngnnntttt	ttccaacctc	gattcgaatt	ccgttgcgtg	cgaaatattg	ttttaaaaatg	60
catcagccta	tgctatacaa	tctgaatgtt	attttaactt	atagtttttt	ttaatatata	120
tattttaacta	taaggacagt	ttaggggaaca	agttacctac	cacatttcac	tttagtgtac	180

```

ctattttacag aaagattaaa ctgccacctg cgggcacatt cccataaatg tgtactttac 240
tttaaaaaaga acatgccacg attttgtctt tctgtggact caacattcac ttcgattaaa 300
aatagcaatt tgaccaagtt ggactttcac tacaaagcag ctgttttcca aagttcaatg 360
ctgacatata tgtatattaa aataattgcc tatttattaa tctacaaata gacaacgttg 420
gcatgttctt ttctgtttgt ctattaatgg gcctgcttct tagcaatatt agaattgttt 480
ataaaagcaa ttcatgttac ttttctggtc ttttcatggc atatgagcaa ataataaact 540
atttacacta ctaaaaaaaaa aaanatcca aactaaannt annntannaa aaaaanaaat 600
ntntnnccng gnccttnttn tnnnnnnnc ncnncnntnn nnnancncc cccnnnnntn 660
ntntnnnnnc cncccccnn cttctntnac nnnnnntnnn nncnncnnnn nnnnnnnnnc 720
annnnnctnc cttntctncn nncnnnnncn cnnntnnccn nnnnnnnccn ncnnnnnnnn 780
ntnnnnnnncn nnnntnct

```

&lt;210&gt; 2436

&lt;211&gt; 852

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(852)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2436

```

nngnctttct acanganca ttcgtgctgt cgncaaaggc tccactccag tnnctgcct 60
gtnaatcacn aatatgctna ncaggagagg cttttgnant catcttcac tggacattnc 120
aagagcagna cngggtnagc atncacaaaa gnacactgta aaacngggaa ctgtgtntca 180
cccttcctga gtnaaaaggg aaagcttatg cctcagcctg aggcaggngg gcccttggc 240
atgcacacct ttgtgctgca nccagggatc cacttggtcg ggctcaacc tccccgtag 300
ggacgactgt acanaaaagga gnccgatag nagcaaggcc cgnccangng aangcctgct 360
tctgtgggt cccctgctg ggctggcagg gagtggctng ngctnggagt ccnaaattac 420
ctgangacac gaaaagctnc ancttctntg anaaaactca nattttgtaa attgcgccat 480
ccanttgana gcacnttacn gnggnaatcc cgcgggatt nggacttgnt anganngcc 540
tngccctnan cggnggtnt tnnncctgct gnnctggccc tgtanntng ntgcctttga 600
nnnnnttgn tntccccnt agnntctctc tttactncna ggnttcntc anttctttca 660
cngtanatnc cgacanancn tectctntg gcactncnt anacggantc ccttnnacga 720
natncttatn nnnntctant gncnngcna ttnntcttc cttntccent ttttgccnnc 780
cnngananat cctnnaaaaa ncntctngct ataaaccgtt cttnnctat cncanatatn 840
tnatanctnn ct

```

&lt;210&gt; 2437

&lt;211&gt; 750

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(750)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2437

```

nnnnnnnttt ttcaacctcg tttcgaattc cgttgetgct gcctgaacct gaaaatccca 60
gggtgggcgtc ggggactagt angggtggga agccttggtc ccagccttca gggcagtggt 120
tgcctttggg aaccaagttt aggcattggc canaacacag tatccaagtc ggctgtgctg 180
accttttcat tncacttcat ttcatatgt tcttctatgt ttattttcac agagtctcat 240
ccaagaaaaa caaatgttta ccttgctacc tttntcctct tccaaatana aatagcttta 300
ttgtgtcaca tgggggaaac gtagatntgc ttttagattt tcagattaac tatctgtcaa 360

```

atngaatcat	gtcagtga	gaactggccc	tgccgatgcc	agggctctgga	agtattttaag	420
aggtggcagc	ccatcgccat	ccttctagta	tttctctntc	attnctgaaa	ttagaacnag	480
ggctgtgctg	canaactcgc	tgggccacat	ctagcccttt	ggtggtgaat	cgttccctctn	540
gggccccgat	tagccagtca	acaggtcaca	cagtctgctg	aaatgtgttc	caagttcttt	600
ctatagagaa	tccttccna	gggaagccac	tgtgantgan	aattttgang	ctcctntgcc	660
cagaagtttg	gcatgttctg	tggaaatncn	caaattctta	catanaangg	aaatctaaat	720
cgcntcagat	ggagcttg	ttgcgagctc				750

&lt;210&gt; 2438

&lt;211&gt; 1233

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1233)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2438

cncennnnnn	cctnccannt	cnnncnenn	ncnnncnnat	cctcnatnnn	tnnnncnenn	60
cntcnntacn	nanncaenn	annnnncegn	acnannntnt	cnnntntac	nncnnnnenn	120
nactctcaca	cctnnacn	cannccnnc	atncntnct	canaacntnc	aannctacnn	180
ntcnccggtc	ncacancaan	catccacat	ncacnctct	catatnann	tnagcngnan	240
tttttttaac	cannccccga	attccgntnc	ncnctcngcg	cagtnggcac	atactggctn	300
ngccaagctn	cataaggnnc	aagtgggagg	atcgcggtcaa	caccagggga	gatgtgaggc	360
tgcagatgag	ctgtgatagn	gccantgcnc	tcancctgaa	tgacagaggg	acaccctggn	420
nnaaaaaaaaa	agtcagcgga	taactaggac	aaactacntt	ttactgctn	anagctgggtg	480
gctgcgcata	ntggacagac	cnagagactn	naggetcaag	agggcggtga	tcgtccacct	540
ctaattngcc	aagggaacct	tgccttaata	ntgcnnanng	ntgaaanatt	ggggncennng	600
nannncngcc	ggggccacag	accaagactc	catngcacta	aacnnnnccc	gangcnagcn	660
nnangacaaa	gggnnttaan	aaagantnna	catcccaaaa	ccattggcgg	nagggccnng	720
nnncnnnccg	agcngacaaa	aggcttnaan	gaccacgcgg	ancactcna	tnngnngcan	780
ntggggntac	aanaannncc	gnccnannct	angnttnaan	aanngnactn	nccacgcaac	840
tttttanaaa	ngcncctcng	acncnnaaac	attngcnccc	tnanaaangn	cnnangcett	900
nanatcaacg	nncaagggca	cnctntgcct	nanagggngn	aaatctntct	caggnnnccn	960
ntcnnagggc	ntannaacac	tcgggcctcg	gcaaacnnag	naanccann	acatcgnttt	1020
tngcccnngc	gntncngcaa	nacacacccc	tnctngngg	gncacgcaac	aggggnnaaa	1080
accntctttg	getgcantaa	nnnaagcang	ccccnaagca	ccctntctta	ctcncnaaga	1140
tannggctcn	anaaaagnn	ccccncgctc	cnnggnanan	tcnnatcta	tctacncna	1200
nntcgntnca	aacnaagccn	tnangnanan	cct			1233

&lt;210&gt; 2439

&lt;211&gt; 784

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(784)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2439

nnntcctttt	tnaaccnctt	tcgaattccg	ttgctgtcgc	tcaagcttca	aacagcgcag	60
ataaatgcag	gcaagtaaaa	gatgccgcgc	ttgctgccgt	caccgccttc	tgggtcgctc	120
gccacgggtt	gcactgccgt	ggcagacagc	tggacttgag	cagaggggaa	gacctgactt	180
acttgactg	tgatccccct	tgctccgcgc	actgtgacct	tgaaccccat	gcactgngac	240

```

ctccccctt ctccccctt ccactgtgat tggcacatcg acaagggctg tcccaagtca 300
atggaaaggg aaaggggtggg gggttagggga aggttggggg gaccancaa ggactcagag 360
agtcagacag tgccacttgg ccacttgggg taaagccagt gccagcactt aacagnntat 420
catgctcatt aatttgggat ttnaaaaac aaatgaaaac tcacaccac ccaccncaa 480
gtgcatgtct tcatcactta aaaaagtaag ttcatttgaa aatattcctt tcttttttct 540
tccttcccta ttntngtttg attatccaaa nntctgac tncncnaana aacntcnttn 600
gnntgggnt nttagnnggt ttaanatgaa ttttnnacnt nacacnaaag gcnnntctn 660
gnnanntctt acttttnaan nngtcttctn gggcaaatc tccttnaaaa ctcttaaccn 720
ntnngntttt tgnnngagnn ttaacntnnt gccttcccta nctgnccccc anccttnaac 780
nnct

```

```

<210> 2440
<211> 783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

```

```

<400> 2440
nncttntgt tcnancccg tcnantcctt gctgtcggca actcggagga gaagaccccg 60
gccccagcg tagctgcgga gaaaaccaag aaggaggagt acatgaagaa gctgcacatg 120
caggagcgtg ctgtggagga ggtgaagctg gccatcaagc ccttctacca gaagagggag 180
gtgaccaagg aggagtacaa ggacatcctg cgcaaggccg tgcagaagat ctgccacagc 240
aagagtggag agatcaaccc cgtgaagggt gccaacctgg tgaaggcgta cgtggacaag 300
tacaggcaca tgcgcaggca caagaaacca gaggccgggg aggagccgnc cacgcagggg 360
gccgagggct gaggccaggc aatcacgggc tatgccggg gagctgtcgg gagtggcggg 420
aatcggggcc atgcccgggg agctgtcggg agtggcgagg atcggggcca tgcccggtn 480
agctgttcgg gagtggcggn aaatgggggg catnaccatg cctgccgtcg ggttcctgct 540
ctgacacctg gtctgtgca cctgtgttgc ttacagttna aaactggaca cttttgtatt 600
gtatattata nagacacctg tttccatttc taatttatca aaaatgngat tatcctttaa 660
aaaannncta ttnannaant ttcttnggng gcctttttt tncnnttata ntcccnnnn 720
cantttatta ctaaacncca tnnntncaat ttttgggtcc aaaactcctc cnntccttag 780
nnn

```

```

<210> 2441
<211> 751
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(751)
<223> n = A,T,C or G

```

```

<400> 2441
ancnnnnntt ntttnaacc cttttcgaat tccttgtgt cgccttcagc cccctgttca 60
cagcatgcat ttccccggat tgctcccatc cgagcagctg aatccctgca cagccaaccc 120
ccacagcacc tccagtgtcc cctctaccgg cctgactcga gcagctttgc agccagcctt 180
cgagagtttg agaagtgtgg ttggtattgg gggccaatga attgggaaga tgcagagatg 240
aagctgaaaag ggaaccaga ttggtctttc ctggtacgag acagtcttga tcctcggtac 300
atcctgagcc tcagtttccg atcacagggt atcacccacc acactagaat ggagcactac 360
agaggaacct tcagcctgtg gtgtcatccc aagtttgagg accgctgtca atctgttgta 420
gagtttatta agagagccat tatgcactcc aagaatggaa agtttctcta tttcttaaga 480

```

```

tccagggttc caggactgcc accaactcct gtccagctgc tctatccagt gtcccgattc 540
agcaatgtca aatccctcca gcacctttgc agattccgga tacgacagct cgtcaggata 600
gatcacatcc cagatctccc actgcctaaa acctcttgat ctcttatatc cgaaagttct 660
actactatga tcctcaggaa gaggtatacc tgtcttctaa aggaagcgca gcttcatttt 720
caaacagaan caagagggtg aacctccac c 751

```

&lt;210&gt; 2442

&lt;211&gt; 746

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (746)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2442

```

nnagnntttt attcnanctc gtttcgaatt ccgtgctgtc gccgcgtccg ccgattcctc 60
ctccttggtc gccgcgtcct tggctggcgt cagaaaaatg gctacaaact tcctagcaca 120
tgagaagatc tggttcgaca agttcaaata tgacgacgca gaaaggagat tctacgagca 180
gatgaacggg cctgtggcag gtgcctcccg tcaggagaaac ggngccagcg tgatcctccg 240
tgacattgcg agagccagag agaacatcca gaaatccctg gctggaagct caggccccgg 300
ggcctccagc ggnaccagcg gagaccacgg tgagctcgtc gtccggattg ccagtctgga 360
agtggagaac cagagtctgc gtggcgtggt acaggagctg cagcaggcca tctccaagct 420
ggaggcccg ctgaacgtgc tggagaagag ctgcctggc caccgggcca cggncaccac 480
gaccagcac gtatctncca tgcgccaaag ggagccccca gccaaagaag ccagccacac 540
cagcngagga tgacaggat gatgacattg acctgttttg gcagtgacaa tgaggaggan 600
gacaaggagg cggccagctg cgggaggagc ggctacggca gttcgcgag aagaaggcca 660
agaagcctgc actggtgggc aagtcctcca tccttgctgg atgtcnaagc cttgggatga 720
tgagacggac atngntcaac ttggag 746

```

&lt;210&gt; 2443

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2443

```

anctcggttc gaattccgtt gctggtgttt ttaaaatacc tggactcaat gacaaagacc 60
gagtcttctt tttttttaa caaaaacaaa aaaagcaacc agggctattt gtacagttga 120
aggggtgaac agaatggcg gctgtgctgg gaggttggaag accgggcagc ccgctattta 180
gagccatccc tcagtcagct ggcagggaca agccaacgcc aggtagcatg tggccaccct 240
tgcccagtg ctgtggcctg gcaagtggcc acgccctgtg tcagaccatc tgggaattaa 300
gtcccagaca gacttacaga tgccttctt aggagttctt gcttcttgcg ttgatacttt 360
gccccagaaa ggcctgggat tcattctggt tcttatcagg gtgtgtccac actctgctca 420
caggtggatc cacggcttct cagtgcggag agtcagatg ctccctgcag cccangcccc 480
gggcacctnc tgcaaccatc tctgggctca gcacctgagg cgggtttctt gggctccctn 540
tccagcaagc cttcaccagc aagctcggcc canancttec cttccggctg gctctgaacc 600
gtgcnttggt gectacagcc tgcattctgg agacaagctt tttccggant gcttttggga 660
gccaggccag ggtgttaagg gaggtgcaaa ggcattccgg gccgggagca acccccaggt 720
ttgaacaggt gc 732

```



<210> 2444  
 <211> 859  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (859)  
 <223> n = A,T,C or G

<400> 2444  
 anttgancca ttncgntgct gtcggnanacc tcacgcccta nggatgtagc cccgctcgca 60  
 gtgcacacgc agtccgcacg ccgncgacct ctgagcgggt cagacgccct tgtgcttttt 120  
 gtttctaggg acagagtccc caagtgggtg cactgtttaa tnggaaagg gntcctggag 180  
 ctggagcgct tcctgcccc gcccttcacc ggcgagatcc gcggcatgtg tgacttcatg 240  
 aacntcagcc tggcggactg ccttctggtc aacctggcct acgagtcctc cgtgttctgc 300  
 accagtattg tggctcaaga ctccagangc cacatttacc atggtcggaa tttggattat 360  
 ccttttggga atgtcttacg caagctgaca gtggatgtgc aattcttaan gaaatgggca 420  
 gattgcattc acaggaacta ctttttattg nctattgtag gattatggac tgggccagag 480  
 cccacacaag tttaacaagt tcttgggtgat gaaacgagat aaaggcttgc tgggtgggaga 540  
 atgctntcgc ttgccccgtg ttcggagaca ccatttcccg tcnagcttgc tgatccccng 600  
 cttacccttg anntgaagtc ngnaaacctt ccgaaaccan cntgttnggc angtttgggc 660  
 ccaangaact tcccccttta ttgntctgga angttaaatt taccnattng tttggnntng 720  
 gcncngttcc cccccgggna aaggggggnt tngggtcatt cnaccgaggg aaaccngaana 780  
 tattgnggcc cnaaccana ccantttttg ggcccntttt aaaaannccc tttttgnaat 840  
 nnggnaaccg tngggnttt 859

<210> 2445  
 <211> 796  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (796)  
 <223> n = A,T,C or G

<400> 2445  
 tttnnaacttg aatcngcaca atttgaatcc caacctcaga attctaagtc ccatatatta 60  
 gtttttggta acaatcatca gtaaaggaga atattttaaa aacctataaa ggagtccttg 120  
 acaatactat ctaaactctt ttatacattg ataattttat aatataccct gtatatatta 180  
 ggtaaatgcc tgtaggtctc caaagacctc gaattgagaa tcagagggtg aacatccaaa 240  
 caaatccctt agatgtggga aaataaggaa gttatcttat ttcgtcgtca tttatattga 300  
 ggtgaatcat gatgganctg gtatgagatt tcctcaggag gtttcttgaa gcttatcatg 360  
 tttacagacc ataacatact ctttgcctgat tcatatagca atgaatgata aaatcagagg 420  
 cacttggttt gggcacttaa aggaatgttt tcatctcttc tcccagttga ngccatgact 480  
 tgaagaaagg ttaaaangnt ttgagtatca agtagcatcc tacaaaagga tctaaaacta 540  
 gattttctag tttggctcac ttaanatgat aaaatgagat aattggagac tatcngttgt 600  
 aaaatctgaa gttnggaaat nacaccgtag ccttgaanaa aatggtcagn gattcaccaa 660  
 gaaaaantan gnaaacaacc atttacttca agtttttgcc ttcaaaaaaa gttaaaangg 720  
 attttttaa ttggaanaaa aanctccctn aaattttgnt ccttntaagn cctatggcnc 780  
 ttttgaaaaa ggaanc 796

<210> 2446  
 <211> 780  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 2446

ttntactcgn tcaattcctt gctgtcggn aagttgagt gttgggacag tgggtcccntt	60
cgngntgggn agancactgn cttagatnat gtngggntct tctctgggtca gaggcccaaa	120
tgagtggaca agtactgtga tttctcaagc ccctatgcag tgtagatgc cactatgaaa	180
tacgagccat tgaaagagat ctcttcaact tattatcttt tatcacgaac gtacatatca	240
gttatttatg agatcttttt ttttaaata ttcatttttt ttcacgactt tttctgccat	300
tgaattagcc tttttctcat gactgggtgg tcaagaaata catgccataa taagatggca	360
gttaaaactt atcagtattt tttttttta aataagattt tttanccngg cncaggggtt	420
cgcncctgta atttgaacct ttgggaagg ccaaggcagg aggatcacnt tgaggccngg	480
agttcaagac cagcctaggc aacttattgn gaccttgtn ttcagaaant ganttccttg	540
gccatggggg catntncctg naggaanctg aagtggagg atccttgagc ccaggagttc	600
aagaccagcc tgggcaacnt agtgagaccn tgtcttttac agaaaaattt aaaaanttaa	660
ctggggcncet tggggccccc tgccttttta ggaagncttn aaattggggg aagggatccc	720
nttgaaccc caggggagtt ttgaaacctt ccantggggc ccaaattcn ccncttcnnt	780

<210> 2447

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (806)

<223> n = A,T,C or G

<400> 2447

tcgntcaatt ccgtgctgtc gcttgttttt cagacctcga actatggaga acaggaattg	60
aagcccaggt ggggtgtccaa tgccagacca tggatcatca gcctgggaca ccaaagtgcc	120
acactctcag agtgaggatg atcctcagga agtcagctct accaccctcc acaccaggaa	180
gtgcaagcag actcacctca tgattgagca gaataagaga atccttgaga agtcataagt	240
ttgcatggat ttgcagcaca agttcaaaca actagatggc accaaatccc tcaatttatg	300
aagacattta acgtggtacc caattggaaa cgcctcatgg cagaaacaaa cataaatcct	360
ttctagaagg ttgccttgtc caagtgtttc ccaaaccagt ntttttaggg aaaatgcnc	420
gctnactata acngaanttt aacctaaact tggaaatang gaaccagcan anacaggtct	480
gcanatattt cggatatngg aagnatcana cacagatttt aaaacaactn tncttaagat	540
gcttanngaa tnaaaaggcn acntttaaaa nttatttncc cntngaaaa ttttttaaaa	600
acaatccanc atgtttggaa aagagaagcc caantggaaa ttttcctaaa ncannaccaa	660
accnaanca aatggaantc aaattggaaa ttttaccacc ancancaann ccccnnaaca	720
cattggggaa aaattaaaa tgccttttg aaagaagagn aatttaagtn gnaaccttgn	780
aaangattta ngggaanaag naaaaa	806

<210> 2448

<211> 842

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (842)

<223> n = A,T,C or G

<400> 2448

tacttcgntc	gattccggtg	ctgtcgcttg	tttttcagac	ctcgaactat	gggagaaacna	60
ggaatttnga	agcccagggtg	gggggtccan	tgcngncct	tggntcntna	ncctggggccn	120
ccaaagggcc	acnntttcag	agggnggntg	ntntcagga	agtcagctnt	nccnccntcc	180
ncnccaggaa	gngcangcng	actcncctca	tgatnganca	gaataagaga	ntccttgaga	240
agtcntaagt	ttgcntggnt	ttgcagcaca	agttcaaaca	actagatggc	accaaatect	300
cantttatga	agacatttaa	cgtgggtacc	catttgga	cgctcatgg	cagaaaccaa	360
ccataaatcc	tttctagaag	gttggccttg	tnccaagtgt	tttcccaaac	caagtttttt	420
tttangggna	aaatgcccc	gctttaccta	ttaaaaaaa	attttaaccc	taaaccttgg	480
gaaaataaag	gaacccaggc	aggaaaacan	ggtcttgcaa	aatantttca	agaatatttg	540
gnaagtatca	agacaccagg	antttttaa	acaacctatt	ctttaagnat	gcttaaagga	600
aagtaaaagg	caagctttta	aaatttatag	gaccatagga	aaantattta	aaacaattcc	660
agcatgtttg	aaaggaagag	cccaatagga	attnctaaa	ccaaccaacc	aaccaatgga	720
atcaattgaa	atttacacca	acacacaccc	cacaatggga	gattagatgc	cttttgagag	780
agaattagt	actgaaagat	aagagagaag	aagtcgccga	acttacctat	tgcaaaaaaa	840
aa						842

<210> 2449

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 2449

nccnttcgan	tccgtgctgt	cgctgattat	ccgaatgagt	aagtagattt	ctcactttgt	60
ggatgggtccg	ttacctggga	tctcctatcc	tccgtgggct	gaactaggag	agtggaaacca	120
gagtcataat	gaggcatctg	atgaggggag	gggtagggag	agagagaaag	agacgtagag	180
aggaggagag	agagaaggat	atctcagatc	tcattttaag	gctaatttga	gaggagacac	240
gtagagtact	tgagaacctg	ggtcctggca	ccagacaacc	tggattcaga	tccgtggctgt	300
gccatttcct	ggttgatga	tggtgggcat	gtaacttgac	ttctctgcct	cagtttcctc	360
atctgtaaaa	taggataata	gttttacctc	atagggttgc	tatgaaatga	agtaagtaat	420
gtatatatag	agtgattaga	agtaaaaatt	cgaggctggg	cggggtgact	caacacctat	480
aatcccagca	ctttgggagg	gcaaggcaag	aggattaatt	gagcccagga	atttgcgacc	540
agccttgggc	aacatgggtga	aaccccatct	ntacaaaaat	ncaaaaatta	nccgggggtg	600
ttggtggcca	cattgcctgt	aatcccagct	tcttcaggaa	ggcttnaagg	tccgggggaa	660
ggaatggctt	tgagcccca	ggaanggtng	gaaggttcca	antgggggtcc	caagaatcca	720
ncccttgggg	tggaacanna	aaccnaaggn	ctnntgggtc	ccccccatt	tccccccna	780
aanaaagggg	agnttaaaaa	aatttgggan	cct			813

<210> 2450

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 2450

```

tnnacatcgn ttcgaattcc gtgctgtcgc cagaataagc ctatcaaaca taggtcaaat    60
ggttaaataa agaattgaaag cgtaaaagcc atagaagaat tttctgttg tcttgagta    120
gagagacctt cctaagtttg acacaaatcc cagaagctat aacataaaaag actgatacat    180
ttgacaacat caaaatgaga tccacttcat aagagtaaca ctgtanacaa agtcnanaga    240
tcatgataa tctgagaaaa ataatttggg aaaaatatga taaaaggagt taattttctt    300
aatatacaaa gagcccttaa aaataaataa aaagggtcat taattgaaaa atgggcaaaa    360
ggacatggat agaaattcac agaaaagaag tgtaagtggg tcttaaatat atgaaaagac    420
ccacaacctt cttataataa aaagtacaaa tcagagctgc aataagaagg catttgtaac    480
ctatcagatt ggaagagatc aaaatattta ataatacact gatttgggtg cagtgtaaaag    540
aaaaattact ttcatacatt gctggtgaga gtaaattggat acgattgctt tggaaggcaa    600
tttgtgatat ttatctaaat tatgaatgcc catctcttag aaccagcag ttccactaat    660
aggggtatccg gcctagagna accctcccat ggtccaatgt catttggcca ttattggaat    720
ccatgggaaa aattgaagga ccaccaatng taaatntccc tccgc                    765

```

&lt;210&gt; 2451

&lt;211&gt; 834

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(834)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2451

```

cgntcgaatt ccgttgctgt cgggttttta agaagtcgtt aaacttaata ttactagaa    60
tatttgttt tggtggcat ctaatatatt aatagcccag aaaaaaggcg ccactaatga    120
atatgtcttg gattacatag tgacatatat tagcttttcg tccacatttg ataacattgc    180
taatatattc ttttttttta ctgaagctct ttgaatttaa agttttctct catttaaatt    240
tattaattaa aaacatacct ttactctgtt ccttttagca ttcaacctg atgttaaaaag    300
atgtgtatgt gtgatatgtg tgtttgaaat tttaactttc atcttgagat atttaattct    360
ctgaagcagt gcatgactct tgctcttcag cctcttgaga gtgtccctcg gtttatattc    420
ctgatgatac aaaccctgga atttctnct gaagtgttaa cactttattt ccaggncccta    480
atgttgattg aatagtggaa gtccagattc aatgccatta atgacagatt ctatgttgac    540
ttnttcagat ttgccagacc ngaaaaacct cctttatgtg aaggaaaaac anttangcct    600
tttttgncta atcctcctnt ggtattaaat ggagnacctc ntttttcttc atttaagnat    660
tgaaggtna aaaaaggaaat ccagaaagg aatggatcca ncccaggttn ttcccccca    720
agaaantttc ctcatnntta atttnannaa tntnggnaaa aanggnanaa ccnaaantc    780
ccttgggggn atttcccntt ttccccctaa aaaaannggg gtccgnattt ncct        834

```

&lt;210&gt; 2452

&lt;211&gt; 745

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(745)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2452

```

cgtaaaaagna aaaatctcaa gaaaacagaa atggcatgct ttacccatct tacttagtga    60
aagagagctg cagttgaaat tgtttaaaaa gtagcaggta caatgaatat tgtcacagat    120
gtgttaattt ttgaagcaat gtgggtgctg actactagta gtatcaaaaa tatgttcagg    180
attgttttga tacctgtatt tataataaaa aatgttgggg ggagttgatg aattcctgtt    240
aaaagctgtt cttgtgtgtt acatgtaaca gacatggtaa atatttgttt acagtctttg    300

```

```

ttaaacaac catgcattta agttaaagt aagtcaacaa aaaggaaata ggtgtatgga 360
tatgtgattt tgagattaaa gntagtccta aaatgtaaat aaaatgtgaa acgtgtcctc 420
agagactgtg ccatttctat tatgttgatg tatatgtaca gtaccttgcc agggaagcaa 480
aaattggaat tattgtagct tttcatgtat acacactttt atttacccta ttttgtgtac 540
ttcttgtgaa ttataatttg cagactatct cagaaaagaa attatctagt ttaatttctt 600
ctttggacaa ggagtcctag gtattatatt ttgagtttga tttcaccaga aataatanta 660
ttaaaaagat ctttgcattc tgggcagtc ttttaggatt ataggttgca aattatccaa 720
atatatatcc cattttttaa gcata 745

```

```

<210> 2453
<211> 921
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(921)
<223> n = A,T,C or G

```

```

<400> 2453
ttnnctnnnn annccgtggn ngccgaatgc ctgcaggtcg actctaaagg atccccctgga 60
gccgacgcct atnnnccena cggtnnnng tannacaggc ngtgcccgtc cattgcagcn 120
tcttaantgg gcctcnntn ggnggatttn aaaaaaaat tcccacttg cccttttcgc 180
ctggcctttt cnttgatngg tggnggnta aaggttggtt naanngantt tgaaggncgc 240
gnttttagga cctctgccat tggnttntct gnttgangng accagnagtn nccnggttc 300
nccntttngn ccttctttac aaggtccnna aagncttgnc aaaccggaat ccnttgcctt 360
tcctnnnttg gaangtntn tattacctag ggcctgcnc tgaagtaant tatttttgcc 420
nnanccgctg gcntttaaaa taggggatcc ntctcaattt tttccctng ggtatttng 480
ggaaataaaa aaancctttt cnaagcctan aangganagg ttggcaccan ggaccncaat 540
gtggccttga attttggcag aangattcaa gnatgcctgg cgccgggaaa atcttgcata 600
naattttttt ggttnancct aaacccttgg aggganaagc cnttggacc aattaattng 660
gcaaccaatt nccntttttt tttcttttgt gtttgggaaa ttaaaaccng ggggggaaagg 720
ccnttttngg ggaaaaangg gcctttttaa ttggaatngg gnaaaanggg gttagancaa 780
attcttttcc cnccttangg gggnggaaa aaggnaangg caanccccct tnnnanggga 840
aattgggttt tgcccttggg ggtaaccccc ttneccaaaa ataangtttt tttttttaa 900
aaaaagggtt tnaaattggg a 921

```

```

<210> 2454
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 2454
nnncttagac ctntcgatc cgtgctgtcg nngtgtgna anctacntgt ggnaccntn 60
ncnaangtgt cccaacattt ttttgacctn nnancncaca aaccgggnet gntcatntt 120
caagtgtaaa ggccatggnt tgggtgctnc aagcatgaaa gcccttgggg aanatggtgt 180
ccaactttgg gtggggcccg tgggaggctg aacaaancct anccattggg gagctgggtg 240
aagtcagaac aggaggactg ggttaggaagg agagacctnt ttcccttata gaatgactaa 300
ncactgtggg aaatatgggt ttcaaaacca antcttgaaa atttataaac accagtgtaa 360
ncctatggag aaggttggtg ggactcaaat tcttgngac ataggtactt tcncacctc 420
atcttctcta atggaangga aattcttnac cngatgataa aataaaaaaa tattgggccn 480

```

```

ggtaggtaaa aaaagaaaag anggttcacg cattatgtaa aaattaccaa aaaggcttat      540
cattgaaagt aaaaaataat gttttaaatc caaccacttc tccccatcac tcccttatnc      600
tggagcacc cctgtccctt ncaaacatct ttgacttttt tttttttgng acanaaatnt      660
tanctctncc ccaaggctng gaattncact ggggggagan tttnaananc tactggaaac      720
ccnccnctc ccngggttca agccgaattt tccntnccnn aacctcccn nntagctngg      780
gacnnancn

```

```

<210> 2455
<211> 1209
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1209)
<223> n = A,T,C or G

```

```

<400> 2455
ccccccacga nccgaanman gnnannnacn nngaggggng nggnannngg ggnnggnncg      60
nnngnnggac gnnncnnnnn nnnnnnnnnn nnnnnantgt cgtngnacct ttngggaaac      120
ccccnnnnnn nnggcngncn nggnnacncg nctggggggg nggcggganc gnggggnttt      180
ggcccccttt tttctgaga nggcncgag cggnnnccgg gnggggggan ngnnngggng      240
cnggacnngc ncntntnnng gcnnncnncg nagaggnnnn gggngggggc cnacanagag      300
nnngancggn ngcngggngc ncangnaggg gnggggagnn ggagnncgtg gatggtggtg      360
ncngcngng agcggggnncg gncnngcnan gatntgcnt gaccgccnta gnangngggn      420
ngnnnnctaa acagcgtngt angtaanata gngggggggg gcagnaatac ncggaggaag      480
gngnagggng aggcngganc gggggngngg cggcagaacc tcggncggnc ngnnnncgna      540
gnnagcnggn cctcgagtgt nagggnnang ggggcggggn anaggggcca ncaagggggc      600
annnggaagn cgnnccanggg nngnncnngg cggnngaacc cngggggcg gtggngggaa      660
naannaaatg ngngaaagcc cgaggnggt gnntaannga acnggggggn ggggggacga      720
nnacgggggg gganggggcn catagggagc acggtacagg gagnancnng tcaagnnnag      780
ngnngtngng cgccgggagn agcgggngg gaggcncng ggcggnggan agagccnng      840
gaccgaagac cgggggaagg ggcannaagg gnggngnang ganataggcc nancgancca      900
cnggggaccc cagngggngag annacagagg tagnacgnta ngggggngca acggagcanc      960
tnaggagccc cnaggncggc gcagggtgtc angggaggnc ncaacgtng agcnggggna      1020
cgngggggng gnnccgnncan ngtgnnaaac ggnnggnnag gaggacggg gggncggtnn      1080
nangngncna cagaggcagg gngngaagca cnnngtacat nacggatgan ngatgggncn      1140
gaggggngng ngnggggacn nccgntgngg gganacgaag gctcggaggc ncnnncacac      1200
cgggggccc

```

```

<210> 2456
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

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<400> 2456
nttccttnga ccttnngaag ncgcatggtt aggaagaact gttccacnta cacntgacnt      60
tggagtcagt taatngatnt ntttgagat nggcctttca acagttttca tatttgaaga      120
attanaaatg aagtcggttc anattntcca aagaacctcc agccactggn gggggacatt      180
nttaattnan attcctatca nttggtntnt cctgtccctg aaaacactga tgaggnttgg      240
gagganaatc ccacctttcc ctgcaggggg ttaggctggg cagggcaggg aggtgagggc      300

```

```

gncctggtcca aaacactggc aagggatggg aacctaactt cttnttgtgc ttctgatttg 360
cccttgacagg tggttttcca ggtctgacca cctggccctt gccatgaaga ggcacctctg 420
agggacagaa aaggtggatc ctgtangcta aaaggcttcc aggctganag ccgcccgtgg 480
aangagggat gcgtgttcca gccaaagcat gccgttcttg cacccttacc caagttgcct 540
tccagggcct ctccttgga ngtctttttg angggctaaa aaaggctctg ttagaanccg 600
gcnatancac cccgtggtgc atgggtattg tgggtgaccc tggactcgcc actggntacc 660
ccgccccttc ngaagcggng ccctaaccct tttgncgtgg agccttccnc acttgagaaa 720
tgcttaatgg gttgggggtt gaattggtat tgttgaagga atcttattac ttgacccgaa 780
tgat 784

```

&lt;210&gt; 2457

&lt;211&gt; 1538

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1538)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2457

```

ccccggcggg annagnang cgngnngnann gngnaannnn gnaggnnnngn annnngnnag 60
aggagnnnga nngcgnngcg nnggnngnnn ganngagggn ggaagagggn gaannannan 120
ngnnnnnnnn nnnntgtgnn taaacccttg ggaaancccn nnnnnnnnna ananagagcc 180
cggagngcgn gannagannn nggggagggg gggannnnac nnantttttt tnnnngcann 240
gcnnngaggg gganangngg aggantcgng gaggggngng gngcagatgn tntgnagngg 300
gganagagga ggnnagnnga ggggaggang cngggagnaa tgaggngggg nangngngng 360
ncnngcccag ganngggggg gggggganac gngggngann nacgnnggan ganggggcag 420
gaannggang acngacggc nnacggacgn ngaagggggg gncncgaag cacngngggg 480
agcgnncgag angngtgcn agnggancgn ngaagagang ggacngaggg ggngaagnga 540
gggggngnnn nnnagnngg ganaggacan ngacnnaggg agggnggatn atnacgnnnn 600
agcgcanaga cgaagngana cgcgngggna naggangcnc ngngaggggg ngnggnaaan 660
ngacgnana cgggacgggn nccgnagngn gngaganngn aggnnggagg aaaggganmn 720
ggcgggggag gggaaggggg gggnganggg gnanngnaan gggggagggg gggnganng 780
ggangggnaa nggnangaaa gnacnaggg gagggnaana angggancaa gggcnnagg 840
aangganggn gaannngntng gnacngnga ancaagagcn annggaggg acaagccacg 900
ggaagaggaa ngncgggaa gngnggggcn nanggnagn gtngcgann nnancngagg 960
caggggtcgc gnnngngngn gngacgggt nngaagnaga cggnganac gngggnacgn 1020
tganggnaan ggtacggng ancggaggc agngnagggg angcnaggga nggngacgn 1080
nangagancg ctcgatcgt gaanggcngg gaagagnngg gcgggtnagg gangngang 1140
cnacgcangg ggaacggan nggnngngat agnanagggn acgcgangnn gggcgcana 1200
cggnacncgn angcggacgn gganggaagg ggggagggan gngnncngc gggtnagccg 1260
cnngngcgna ngnggggng nggaagcgg angcgatng gatgggcacg tacgggaagg 1320
ggggaganac ngaangnan ggnggagggn gcgggaggga nggggacng aagngaagcg 1380
acggcnggga nagnctggg cgcgaagngc gggaagngc ggatccnga angncacgn 1440
cnnngcnnag cncgnagnac gannaaggcn gtgtgtang ncacacggn gncncggncc 1500
acgggaccgc naaggnacgg agggacgcga ntgnnccg 1538

```

&lt;210&gt; 2458

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (786)

<223> n = A,T,C or G

<400> 2458

cantttannc cctttcgaag ccnttgctga ngancctccn actcatatca ttgtccctat	60
ataactgagn gtcancagag ntntnaggtt nggccttngg gatnaccttc attttccagg	120
gtctggccct ntgcncctca nccanagnnc aacctnntgt tancagctgc tactaagtct	180
ntatgcccat tcgttnatnc cacaaaacag gcntctgact cctctggnc aatggaaca	240
aggcactngn aanaggcngg ggggtccacag gcncaggggg cttcactctg gaacaggata	300
nctgggggtgc agcgggatgt antcctcact taatcaaccc acaccccanc ntccctgag	360
ctttctctaa atctcattct accccatctt gactcttcgg ttaaaaggga gttctcattt	420
ggagaatttg tctctgggat taatgaagtg tatgcctagc tactttctcc agttactttt	480
agaccatatt gttgtttggt tttgaatatc attccttang ctatgttgag aagtagagt	540
gcttcatta ggagaactaa atttagggca tgtcttttgc tgaatcccgt cagcatattt	600
aacaaaattc ccaattctan annaattttc ccttttatnt ctcttaagta cccttttgcc	660
angggcttct accacatcaa aaggnggttc atgnaagtaa tttggccaaa aggaaaagaa	720
cnagttaatt gaccacctaa caccataaat ggaagtggat taagttantg gttccaaggc	780
cattgg	786

<210> 2459

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 2459

tactcgntcg antccgtgct gcgcaaatct ttgcccttct aaagcccaaa aattactatt	60
ccgatcata gatngtttac tgctgccaca tgcagnttn cagcaagaga ngganctgcc	120
tgcacctatg ttgtcagcaa ttcanaaaag tcttcccttg tatctccagg gcatgtgtat	180
cgggtgttgt caatctcaaa atccgaatgc ctatttgaat caattgctag ggaatgttat	240
tgagcagtat attggcgcat ttcttccagc ttcaccatat gtttcagatc ttggacaaca	300
tcctgttttg ctggcattga gaaacacagc cactattcca ccaatatcat ctctaaagaa	360
atgcattgtg caagtcataa ggaaatccta ccttgagtat aaggggtcct cacctcctct	420
dgcttagcat ccattctggc cttcctctc caactcttca aggaaactaa cacagacatt	480
tatgaagtgt aactactcct ccctggcatt ttaaaatgct tgggtgtagt cagtgaacca	540
caagttaaaa ngctggccac agagaacctg caatacatgg taaaagcctg ccaagtgggg	600
tcagaagaan aaccttntc cagctgactt ctgtgtttan gcagtttatn caggattatn	660
gnatgaggtc tattaccagg gttacagcat tttaaaaaca gtagccacat tggancnaca	720
ggtggncatc cacttgattc tancct	746

<210> 2460

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 2460

nnnnnttgac ctccngctg ncggctctac gatggagtca aggccagatt gggctctatt	60
tccacaaccc cctanggagt ttttnacnt tgccttaagn ggctgtttcc tggngnancn	120



tagancatat	ttgctgtcnc	nctgggantn	ccaggganaa	tctnatgctt	ggncagagga	180
catgatcatc	tttntgtttg	taacctcggg	cctggaacag	tctccttttg	tgttcacttg	240
attctgaaaag	gtcagtggtt	tanaacaggc	ttttcacatg	gttcaccagg	aggccagtta	300
gatacctgtag	tggaaagggc	aaactcatgg	canccttctt	gctttctcaa	ggcaggatgc	360
ttgcaagggg	cagtggagga	agaccggtgg	acaccgtgga	nggagaacaa	aanggggagc	420
cccaggggca	tctgcagcca	ngtggaccgc	ttcagccttc	tggcacacat	ctgtttggct	480
tgggtgggan	gtatgaagg	cgcanatctg	aaaaccaagt	ggtgacctag	ggagggaaca	540
agcgctgtgc	agcattgatg	aaacttaaaa	gatgaagtcc	tggtcccnng	caccggtggc	600
tcacttctgt	aattccaaca	ctttgggaag	ncnangcang	aaanatngct	tcaacccccg	660
acccaaaaaa	aaaacccaaa	antttanccg	gggcccnggn	gacattgtnc	ctttagtctt	720
aanttactcn	gggaggcttg	aggttnggga	aaanaatttt	nanccttggg	anggcaaaagc	780
n						781

<210> 2461  
 <211> 753  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (753)  
 <223> n = A,T,C or G

tctctnccgan	ttccgtgctg	tccgnctttg	gttgctgttc	tttcctagac	tcttcagaaa	60
aaaaggaatt	acctnncann	gcttaaagag	gtngtaaata	caanccaata	cattttcatt	120
ccanctgcnt	ttcatgcttc	aaagtaangg	ctgttancca	gaatcactng	tgaagcttta	180
tccncatatn	cattctgtga	tcttattccc	tgtaaacccc	tattcantag	tccgnctgtg	240
atgaaatccc	aggcntcttc	nttcagggtta	aaaaaaaaat	ntntntgtct	ncntgaaatt	300
ctggatttcc	ctgttgaaaa	ccagtcttaa	gttanaggca	ttctgcagtt	gtncggaaaag	360
taagggaaac	aaagttaaaa	tggaaaaaat	tgaattaaga	ggcagaagta	atgaatttga	420
tcattttgtca	ttgccnctca	ttgtagacac	ttatttttga	tctctgtaaa	catcagctta	480
ttctcaaagt	atgangnctg	aatacttgct	tgnggggtgat	catctttgtg	tagaatagaa	540
aagacaaaag	aggaccnggt	gcagtagctc	acacctgtaa	tacccggcnc	tttcgagang	600
cccnaggngg	tagaaatgct	tgagcccagg	aatcaagaac	agccctggnc	aacatggnga	660
gaccctgtct	cttctggaag	aaaaaaannn	nnnnnnnnnn	nnaaatccn	ggggcccntt	720
tntcnggnnt	nccccncttt	aaaaaancct	tgg			753

<210> 2462  
 <211> 747  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (747)  
 <223> n = A,T,C or G

atgtcnttcg	natccgtgct	gtcgtcctcc	tttatgagaa	aagaaataga	ccctgataga	60
tgaagctata	aagttctata	acatntcttc	attgaacgtg	tgattttttt	taaagtntaa	120
atagcntatt	catatttttg	caaattgctt	gttttcagta	cncagcgttt	tgagagctgt	180
gtatgttaat	gcagttgact	cccgaacagn	gggtttgaat	tgctcaggcc	cacttatacc	240
tagcttttat	tcaaccaaac	acataatggc	cagcatatat	gaggagctaa	cttttcatat	300
gtgtgggtctc	cacagggccg	actgcaggac	ttgagtatgc	atggatttgg	ttatatgtgg	360
gtggtcctag	actagtctcc	tatgtgtgcc	aaggacagc	tgtacatgtg	ggcctaatec	420

tttcctttta	aaaattttatt	tgagatatca	tcattcatat	accatgcaat	tcattcttcag	480
tggttttttaa	atatttacca	agttgtggcc	cggcatgggtg	gcttatgcct	gtaatcccag	540
cacttttggga	ngccgaggcg	ggcagatcac	gaagtcagga	gacgagang	cgctgtagt	600
cccagctact	cnggangcta	aggcaggana	atggcgtgaa	cctgggangt	ggagcttgca	660
ntgangcgan	aatgtaccac	tgccttcanc	tgggcgacag	aacaagactc	atctcaaaaa	720
aaaaaaaaat	ngccagcctt	gnggctt				747

&lt;210&gt; 2463

&lt;211&gt; 732

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(732)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2463

ttntgacgcn	ttcgtgctgt	cggectnate	cctntagaca	ggactacaat	tggcagctnc	60
cnattacctg	natgtggang	ganacttttt	ttactntgcy	tggtctggcn	tnagegtgca	120
tctggngcct	tgacntgat	gtcacatnc	ctnaccctnn	ctnngngtc	aaacaatgta	180
ctttncaggg	tgmnantnnt	ctccatnnct	attngaagt	gctngaaaaa	ngcnannttg	240
actcttntga	cgttggatnn	aancnncnaa	tnanccctcg	agtnnttcaa	tgatanctga	300
cnaactaaat	tatttcccta	taaangaana	tgacatgagt	gntgtgtggt	ttgnctanac	360
nactgcattt	acagcttttt	cagggntant	cgnagcactg	nacgttcaga	tgcatnccaa	420
ntggtgcatg	ggtcctaate	acacatataa	agctggntac	canctttggc	ncagcactgt	480
natctggnc	ancaactgtg	gtaannacac	atgtaanatg	cnttttnaca	gctgatactg	540
tttcagacaa	acccttnatg	caaaatgttg	ctttagattg	gcncctttttg	aanatatgcn	600
acaaatatgn	gatngatgc	cggangngcg	ttttgtctta	atgggaaant	ttaantcctt	660
gtgacactta	caggttcttt	gagacatgac	ttngnaagga	tgggcctatt	tctcctntga	720
atgtcatagn	ag					732

&lt;210&gt; 2464

&lt;211&gt; 821

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(821)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2464

tatnttacgc	nttngtctgt	tcggggggat	caggatactc	ctgctcacag	acacccatct	60
ccccctacca	aaaataacgc	tggtctcttc	nttccaccct	gactntgcct	ntntgtntgc	120
aggancctgg	tcggggngct	ccacaaaagc	tgngcctggg	ctngggagcc	aaggccatgt	180
ccntttcccg	gccagggnan	acggancccn	tccacagtgt	cagntatggc	catgtggccg	240
cctgccagct	aatggggccc	cacacntgg	ccttgagggt	gggananagc	cagntcctcc	300
tgcaaagccc	ccaggtggaa	aaaatnatgc	agctggtgaa	tgctacttg	gccaaacctc	360
cccccgagag	gccctgcaga	agnttttttc	ctccatgcc	agacctgcca	gacacctccc	420
ntccaagcca	gcgcccggcc	tggaacnagc	caaggacaag	tctggctgnt	tggggcaact	480
tgcaaggactg	agcctgccaa	gaggtcacga	cttccctctt	gncttcagcc	tgggccanga	540
ctgctctgag	atttgangga	aacatggacc	cttttttgnc	cttgaggggg	acangggcac	600
attccaacaa	ccnaaggct	tacnaatngg	ggtgtggggg	aaatttttct	aagtttggtt	660
tccttnaaat	ttaatttggn	aagaaagaaa	aaacccaaaa	aaaaaaaaaa	aagntttttt	720
ttttttttnc	ccccaaaaaa	aaaaaaaaaa	aaaaaaaaaa	attttttttg	ggggggccgn	780

tttttttttc ngggnnnaaa cccccaaaac cttttaanaa t

821

<210> 2465  
 <211> 921  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(921)  
 <223> n = A,T,C or G

<400> 2465  
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 gagccggagg agacgaaggg aaggtggntt ngacgccacc cgcgcaccgg gcaggcgcgg 120  
 agaccggcgt gggacagcca cctggngcgc agctgccaga aagaaggact ttgctgcttt 180  
 gggccaggat ctgaacttag gtgtaacca ttgccctngg cagaaggga cctaccccag 240  
 tccattgctg gcctgtaca agaatttga aacagtaatg ggcacaatat ttttgggtta 300  
 ttgaattcac tcaagtggga ctggtgggaa ttggaaatgg aaactggtat tcccattccc 360  
 ccaatcaatg aatggtanca agaaaacca aggtcttctt ttcaacttaa atngggaaat 420  
 tcttcaactt cttggttggc ccccaaggcc ttgggaagtg gccaaatggg gtgccaaaat 480  
 cnttngggct tttactgggn aacccttncc accttaccat tgtttcaaag ncaaattctt 540  
 cettggcctt caagccctcc ccgaagtagg ttnggggnact tacangcacc gttgcccacc 600  
 attgcccaac ttaaattttt ggnatttttt aattaanaaa cnggggtttc ncccatattg 660  
 gncaggcttg gtctcaaaact ccctggaccc tttatgnatc cctnccacc ttgggccttc 720  
 caanggggct ngggaattac aaggcgtaa accaaccggt ttcccaaacc cctggggntt 780  
 aatggaattt ctaaaaaaca cttttttaa atcaatttct taaaaaaaaa tttntnang 840  
 gnggtttggt anaaaaattt aaaagggnaa aaaaatccct cnannaaata nnttttgna 900  
 ncattcatta aaaattggcc t 921

<210> 2466  
 <211> 773  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(773)  
 <223> n = A,T,C or G

<400> 2466  
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 agcctccttg tacaagctca tgtaagattc ttgcttatgt ccgtgnacta ctcacatctc 120  
 aattggccaa aacaatgccc aaatttgcca aagtcctatg atgggaggga ttgcaatggt 180  
 atattgaaaa aacttgatca tagaaggggg ggagattgga ccagtcattc acctcccat 240  
 atcttgccag ccattaatat gaatacatat tctatttgat attaatgtt atctcctgct 300  
 catgagacag ggcttgctcc ctgttacttc tttcctcant gtctgtctga gtgttgctg 360  
 tcttggaatt atanatatca tttgaagtat tggttggata ataaagaatg aatgagcccg 420  
 gcattgggtg catgcctgtg atcccacact tttggaaggc caaaanggtg gattgcttta 480  
 actcaagggt tcgaaaccac tggcaanggg gtgaaacccc catcttgcaa aaaagcccat 540  
 tattaaccg acctggnggn gcatgcctgg nggnccctgg ctaccncaag gaagctttaa 600  
 ggtngggaaan ggttcatttt tgggnccccc gggacaantt gaaggcttta aaattgnaat 660  
 tcttttaanc catgncccat ttggcccttc caancntng ggtnaaaaaa gggggnggag 720  
 aactntttt tttnaaaaan naaaaaaaa annnnnnnnn ttnttcnnnc gcn 773

<210> 2467

<211> 644  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(644)  
 <223> n = A,T,C or G

<400> 2467

ttactantga acnccttttc tnananacgt gactcgggtt cctctagaaa anncagtgagg	60
cngantnaaa ttccaaaggc annngggganc tggaggaagg ccttaaccag ggnccggcggc	120
ttggtaaggt ttgtaggagg actggntgca ncaaaggcag gganaccagt gtggagtntg	180
ntcancaccc cactgggaag gtggtgatcg ccgtgggtgat nancagttnt tggtanctgc	240
ntgtgaggag ggtgacaggt caggacttta cctcaggaaa ccctgtggat ggtggagggg	300
aaaatcanct ggttttggtc cgggtncctt tgagcanctg tgaagacctc caggacagtc	360
ccaatcctgg aatgtcttga ctaaccagat gcttanactt gggctcttct caaccgtctt	420
gggtacaatc tgactctcca ctttcttggc ctcttggtt tanttgctta ttggaaatgg	480
gcattttatc agcagncgtg atggatacta tggtcangac tgtaccact ntctcttaa	540
tatcaaacia aaagtattac caggacttta tatgctactg ctgggtntat ccaccatcat	600
aagtaatgaa atnttactag attaacactg cactagaacc tttt	644

<210> 2468  
 <211> 1127  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1127)  
 <223> n = A,T,C or G

<400> 2468

ccccccccc ccccccccc nnnnnnnngnn nnnnnnnnnn nnnnnnnnnn nngcgttntg	60
nctcgagcgn ggcgngcngc ntctcnntgn nngggggggg ggggggtttt ttntttttcc	120
cgnngngnng gngggggngg ggggggggcn cgcggggcgn ttnttntngt gngggcgggg	180
ncgngnggcc gccggggncn ccgcggggng tgnccngggn cgcgngcgcg gncnccgggg	240
gggngnnnnn nngggcngng ngggnncggn gnnngnnnnn cgnnnngggg gnggngngcg	300
ggngnncggn nncnccggnn ngncgngggg nnggggnncn nggnnggcgg ggnnnngggg	360
ggggncccgng ggggggngnn nngcnnnnnc gngggggggg gggnnnnncg cggnnncggn	420
nnggggggnc cncngnnngn nngnnngngg ncngnncccg gggggcngng ngnggncenn	480
gngnnccggc ggcgngcggc ngnnnnngcg ngccgncctn ngccgtngnc cccgngnggn	540
ggnggngcgg gggggngggc cncnccngt cncgngggg gcngnggggg gggnnnnngc	600
nggngngcgg ngnnnccggn gncggggggg gnggggngcg gcccccggg ncnggggcgg	660
gcgngcnnng ggcgctggt gggngggcgn gngngccgc gngnnngggg gcggggcggn	720
cnnngngggg cgcgnggntg nggcggggnc nngnnngngg cgcncgnggg gggacnggnc	780
nggcgngggc gngngcgggn ncngcacngn gnggggncng ggggggcgcn ngnggggngg	840
ccgtgggcn cncgggngc cncgncnnng nggggggnc cncngggnt gngggggggc	900
tggcggggnc nnncccggn cncgncnnng ncgcccgg nggcnngng ngnggcgcgg	960
gtncgcgng gtggggntg ngngcngcc gnnngggccc gggnggcgtc gngnggngn	1020
ncngttcgcg ggggcggng ngngcngcg cntgggngng gggngggngc ntgcncgncg	1080
ngnctggng ncgggtgntg gccggcngg cgcnggggccc ggtcccc	1127

<210> 2469  
 <211> 1109  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1109)

<223> n = A,T,C or G

<400> 2469

nacctatcga	cgttctcagc	ngnagccaaa	acgtcgactc	tagaggatcc	caaggntccg	60
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atagggcnnn	tgggtccata	gccaatngna	tncaatgtgg	gtgcccccat	cctccnngnn	180
gntagtcttn	tcnccanana	ggaacccgan	ccagcttggg	gnnanntttt	ggctctccta	240
cacgctngtc	gtnnntttta	ncctcngngc	ntgaagggaa	agtantgatg	gangaactng	300
tgngcatgat	aacaaagntg	cangaaaaat	catnngccnt	actgtccnct	tgantgtaac	360
aanctcntt	nttacntgtc	nanantncac	ccnggaatgg	ncntngnccc	tntgcgtant	420
gtggggnnnan	ttncaaaaacc	ccngntnct	ancttactnn	cantantngc	cccacctgga	480
tnnngcatag	ggtttggng	aagacctnna	ccnnataatt	gtnnacnact	gnaaaaantg	540
gtgaccantc	gntcctnggc	cnnaccctaa	ctaanaentc	tactatnctt	cgnanaaaaa	600
nnctntcttt	tntattangn	nttntagatn	ntatgaacct	ncncccttgg	ntagnctntn	660
acntaaataa	ntntattgtg	ccangcnccn	tncnngtgna	angccantna	nantanaaaa	720
ccantgtctn	aantcagaga	cacnattttg	ngcccnnggc	tgaagnaaan	aanncttnat	780
tnngntttcac	nnggatanta	gtntttttta	taataanacc	ncnagaantc	tntntgccta	840
atttaacntn	tactntnana	taaaangnnt	acaccgntat	nanccttgnga	natataaaaa	900
nacaancnnt	ggnatntatn	ctnancnccc	tagctcataa	aacnctannt	ancngtgngg	960
atnatantan	aacnngnggc	tctcncnta	nattggaaaa	accantggtn	angcttttgg	1020
aantcttatt	tatagtncng	tacgnanatg	tntaccnnat	gncncttnnc	naaaaanaact	1080
atagtnnctt	cntcttnntn	ganatnang				1109

<210> 2470

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 2470

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taaccccaga	gtagcatgta	atcccttctt	agcatccctc	tttgaaaact	gaagatagta	120
cagctgaggg	aactgaacag	gttcccagga	tcataagaga	tcattaagct	gaagcaaaca	180
aacaaacaaa	caaaaggcaa	actagaagaa	aagcaggatt	caatgggttc	tgacacctct	240
tagtctatca	ttgctttgta	aacattctcc	ggttttacat	tactacagaa	tatggtccag	300
atataaagt	ctactgtgtc	ataagacagc	tgattttcag	aattcgtgac	tgacagaaaa	360
aacaattttg	gattttaactg	gatacagtaa	tctgaggaca	actgcagttg	tcaacctttt	420
cttcctttca	ttcaatgata	aaagatncaa	aaagtgcacc	agatgtttct	agctatttgt	480
ggaatgaagg	acataataat	aatttttttt	tttttttaat	anacagattn	tcactnttgt	540
cncccaggct	ggactgcagn	ggcacaatct	tggtctactg	naacactntt	gccttccagg	600
ttcaanaaaa	ttnttgngcc	ttancctncc	cgagccagct	nggggagtac	anacccttgg	660
nccccatac	cccgggttaa	ttttttgggg	ccnaaaatac	ccnattngg	ccngggccac	720
ctttttattt	aanaaaanat	tgggggggcaa	cctnttgctt	taaggacctc	ttgggatttt	780
tn						782

<210> 2471

<211> 748

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2471  
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 tatattagta ttaagagcat tttgtataaa acttcatgtg aggatctcaa ttctttataa 120  
 ttctcttcaa agcaaggaag tatatataga gagaccttta ttttttagta attttttcaa 180  
 atgggtttggg agatcttatt cttagcccaat tctattctgg cacttaatta ttttctggtg 240  
 gcttgtaata tggtaaatac tggattccag attgcattcc tatttccttg ggagggtagg 300  
 atactcccat ttgtacaaga acttaaaaca gcccaaaatt attggtttac ttgatctga 360  
 taagttttga ttgtggtgat gtctcttaat accgaatggg gctacaattt taggtctgtg 420  
 aaattataaa tatcagcatt ctgactaagt atccagaggc agatgaactt ttaggatcat 480  
 aattttcctg tgctatatgg attttaattt tcccttagtc ttcactttct gttagtaaat 540  
 tttatagccc tttggaagag ctttatgtga gaggctgtgt cttatgttga aactgtcttc 600  
 atcgtgcaaa tatgacceng ttttctgtgg agtcttcata ggtgactatg acaagtacct 660  
 ttncatcaa ncaccttctc aatgnccgaa naactgtagc atcagcttat gtgggtgcta 720  
 cccctggnc ttttaattcca tatttccg 748

<210> 2472  
 <211> 748  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(748)  
 <223> n = A,T,C or G

<400> 2472  
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 tgacatgcaa aaccagtctg tntgcccnn nagatgcatg ttctttacca tcacgtaggt 120  
 caggccagga tgtcaaggag agcaaccccg aactagtcct ggtgatttag actagagcgt 180  
 ctttcactgc tgtgattcct tcattggcac tttcttccag ttgtacaagt gtctgtcttt 240  
 gcttggtctt tgcttgttct acccttagtt tagcagatat ccctctctcc atgaacaagg 300  
 tgagtgaact ctttttctga gtacatttgg tttttcaaaa tccctccaag gaatcatttc 360  
 cttgaccaa tgccctcatc tgtggtggcg atcaacatct ttgattttac cctttttttt 420  
 ttttttaaan ttgaaacaaa ntctcccttt ntttttnagg ctggagtgca gnggggcaat 480  
 nttggctcan tgnacctccn cctccagggt taaagnaatt ttcttgctc ancctcccta 540  
 aaagcnggga ctacaggngc ctgccccac acccagctaa ttttttgttt tttaaaaaan 600  
 aaaaaagngg gtttcccat tgttaaccag gntgggttaa tcncctgacc tngggatntg 660  
 cccctcttgn cncctaaaag ggctgggatn anaggngggg gccaccatgc ccggncaatt 720  
 tncctttttt ttaanggccg gncnget 748

<210> 2473  
 <211> 1198  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1198)

<223> n = A,T,C or G

<400> 2473

nnnggnagnn	ntannnttat	ncgcgannnn	gnnnnaganc	gngnnnnngnn	nnnttggnan	60
nnnagnnnnn	nnnanggnnn	nnnggcnnng	nnntgggnann	nnnacgngnn	gngtgngctc	120
gggagnggan	nnngcancgc	ggngntggtg	agangatggt	annnnnnnna	ngcaannnct	180
nnnnnnnnnn	nnntagannt	tngccctttg	gngaaaagncg	nnncaacnta	ggagnaannng	240
nacanngacc	ccgntggang	gctncgggng	acgnaggggn	gctttttttt	ttttctnctg	300
gagnanccnc	nggggggngt	ggagcagngn	nangnnctcg	nnagnttgga	tnngannnnng	360
gngngngacc	gganggggtna	ggngntgtna	nncgntgann	tgtgnnnctn	acaaggagagn	420
ngagnanagg	nnnggnncac	gacacnnnnn	ngngagnnnn	ggnnnnnnang	nganangcng	480
gncgcgggga	ccnngnngag	ncngcngagn	ngatagaaga	ntgcngnnaa	gnnttgnggn	540
ccgngngggn	acgcgngggg	naagcgngng	gnggngcgcg	nnntgtgggg	agtagnaanc	600
cgagatnnng	ncgacngcna	ncncnannng	aatgngcagn	gnggtgggna	ggcgagtgc	660
ggcnnccgan	nnnacggggn	nnnggngcac	gccacgacga	gannatngcc	angncgaaca	720
ggaactngtn	nannncngng	acgnngaagc	gnnagtagan	ngnggngggn	natnnggnnt	780
gnnnagnnnng	gaggngcgcn	gtggcangat	ngnnacngnc	gnacncggga	tgggngtgn	840
gtggncctcg	aagancgcga	gngngnggtn	agnnganntn	gacgcgngga	gnngcnntnn	900
cggagnangn	gcagcncgga	cnncncgcn	aggacnntng	atcgntcncn	nggnngaang	960
cgnngaaggc	ncncgantnt	ganaggcgan	angnnncngga	tggnnnnnaa	ccgtgccggn	1020
nggggnaggga	ngnnagtagn	gacgnnaaag	gaangnggag	ganannacga	gagcgaatgn	1080
gaatgnnctg	gtngatgagg	ggnagggagn	gnannngngg	acgagtgnnt	tggngacgcg	1140
caagctgnnn	gacnncagag	ggganngntn	gggccaatnc	gcgnggcagc	gtgangcc	1198

<210> 2474

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 2474

ttctgacct	ttgcgaagcc	gntgctgtcg	aaagaccaca	agtttcagag	catggagaca	60
ttcctgctga	atcgcttct	cacctcctnn	gcaattgctc	attctagggg	tgggcatcat	120
agttggtcag	tcttaattcc	catgccaaag	gacaaacagg	tgtgacattt	ggatagatga	180
atactgggat	tggctctgga	gcatgtgttt	tgagtgaac	cttgacgtcc	tttctctacg	240
cccgtggatt	ttgtggaac	actttgcaat	ctctttgctt	ttttttttta	ccagaactag	300
ttacattgga	atgcttactg	tcctacanag	tggcagcaaa	taaaaccttg	cnttccatca	360
agccaaaana	gcacactctg	ttagaggana	tacatgttta	agatagaatt	ggngggaagg	420
acaaaaacag	aaaaatgttt	ggcttttaan	ccattgggta	gtattgtttt	gatgatctta	480
naggagggaa	naanaaaaga	aaagacccaa	tgntagaacc	agaatcaggg	agatgactga	540
cctactgaaa	aacagggtccc	ttgtntttan	gatctttaan	gggtataaaa	agcaaacatg	600
acttttgcnc	ctaanaaaaa	ttctgcattt	ctcatagttg	gggcccaatt	aaccaaaaaa	660
gttggttttt	aaaaaaaaat	actggtccca	ttctaaacca	tgattttttt	ggggaaacta	720
atttttttcc	ccnttttgcc	aaaaaccagt	cctttccaaa	attanct		767

<210> 2475

<211> 1000

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

&lt;222&gt; (1)...(1000)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2475

ngnnnnnggn	gnnggggnnnn	nnngnnnnnn	ngnggggnngn	nnnnnnngnng	gnnggggnngg	60
ngnnnnnggn	gnnnngnnng	gnnnnnngng	ngnnngnnng	nnngnnnnnn	nnnnnnnnnn	120
nnnnnnnatn	ttnnngcnc	tggaagncg	nggggnnnnn	ngngnggggn	ggngngnnt	180
ngnnnnnggg	ggggggggg	ggctgttgn	ntgttttct	cnnnnnngng	gnngggggga	240
ggggncngc	ngngtncnn	nttcncngn	gtcggggggc	cgngnggggn	ngggngggg	300
ggngggggng	ggggggggng	ggggggcagn	ggggngggcg	ngngnnngn	nggnanggg	360
ggggngggg	ggngngggg	gggnnnngn	ggggggggag	gnnnngnggn	ggnggggggn	420
ggggngngcn	ngngngggg	nggggggggn	ggngngggag	gcnggggggn	cgngggngn	480
naggncgcng	ggggnggggn	ggnggcngg	ggngngngg	ngngggngg	ngngggngg	540
ngggngggg	ngnnngngg	ncngngggg	ngngngngg	ngggngngn	ggngggngg	600
gangggnggn	ggngngngg	ggngngngg	gnngggggg	ggggggangn	naggnggggn	660
ggngngnggc	gangggngg	ggggngngc	cgggggggg	ggggggngn	cnngngngn	720
cgngggggg	gangggggg	ggngngngg	ggggggngc	gnagggngg	gggangggg	780
ncccgnggg	ggggggggg	aggggcngg	ggngggggg	cnngggggg	ncccggggg	840
nnnnnnngg	ggngggngg	gcggggggg	ncnggggnn	ggggggggg	gnngggggg	900
ggggggcg	ggngggngg	ngggcngg	nnntnggg	ngcnnnggg	gnngcgggg	960
nganancgg	gnnggnngg	ggnggcgcg	ggngnnngc			1000

&lt;210&gt; 2476

&lt;211&gt; 882

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(882)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2476

ttatnttaac	cccttttcga	attccgttgc	tgctgaaaga	atccacactg	cccaggtcgg	60
ggagcagtgg	tgccagcag	ccctcaggg	tgannaggg	tgtaagagg	tatgaacagg	120
agcatgctgc	tatccaggat	aaactcttc	aggtggcaa	gagggaaaga	gaggtgcc	180
ccaagcactc	caagcatcc	ctgccacgg	gcgaagcag	catcagccat	gaggagcaga	240
agtcagtcg	gctggccagg	gagctggaga	gcagagaggc	agagctaaga	cgccgtgaca	300
ccttctacaa	ggagcagctg	gagcgtattg	agaggaagaa	tgctgagatg	tataaactgt	360
cttcagagca	attccatgag	gcagcctcaa	agatggagag	cacaataaag	ccccgcaggg	420
tgagagccgt	ctgctcangg	ttgcaggccc	agattctcca	cttgctaccc	gagatcgccc	480
cgcatgaagt	gcttgcttgt	gctcggacct	tggtcaangc	attaccaacc	cttgctgtaa	540
gcgcccgc	cacaaagggc	ttgaaggaa	caaaacattc	aatttcctt	gcccttgccc	600
aatggacttt	gggaancccc	ttgaaanaaa	gggganccaa	ttcattgggg	aanccacaaa	660
cccacttg	gccccttgn	ccgnttttc	cttgcttngg	ggccccctt	gccattattg	720
ccccccctg	aaacccctg	ggggccttgn	cccaccgttn	nttttaangg	aaaaaccaa	780
aagtttttgc	cnccttacct	tgcttcttgn	aaaaaccaa	anttnaaagn	cccnatttgn	840
ccccttttgg	ntttttcnaa	aaaaaaaaa	aaaaaaaaa	at		882

&lt;210&gt; 2477

&lt;211&gt; 769

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature



&lt;222&gt; (1)...(769)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2477

ttacttttaa	accctttcga	ntccgttgct	gtcgggaactg	tttatcttat	cctcctcagt	60
gatacatcat	gaagttgtgt	gctttgccta	aaatgcccag	ttacctgaaa	ttgtataaat	120
tcttgccaaa	agtgtttgaa	cttaatacaa	acttcccac	tcttacctct	tagcactgtg	180
ctcatcttga	ggggacatag	tccaattttt	gtattttata	taatactgtt	agtgaatatg	240
tgtagacttc	atatggttgt	gggtaagaga	atactgcatt	cagatagaaa	agatgctata	300
tagctaagtt	gateccaggt	ccttgggcta	cctgctaggc	agcttgtggt	gaacaatcat	360
aatctctaaa	aaataccttg	tctggaccgg	gcgcgggtgg	ctcacacctg	taatcccagc	420
actttggcag	gctgangcgg	gccggatcat	ttgaggtcag	gagtttgaaa	ccagcctggc	480
caacgtggtg	aagccctgtc	tctgctgggg	atacaaaaat	tanccaggca	tgggtggcaca	540
tggctgtggt	cccantctct	tggggangct	gangcangaa	aatcctttga	actgaaantc	600
aaggcggagg	tgcgcgtaag	cccaaaatcc	accatttgca	ctgcancctg	ggtgaaaaaa	660
aacaagcctn	cctntcaaaa	attaattaat	taattaattt	tttnnnaaaa	aannnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnaaaaat	tttnccggcc	cctttttcn		769

&lt;210&gt; 2478

&lt;211&gt; 780

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(780)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2478

cttacttttna	ancccttttc	gaatccttgc	tgtcggcagt	aggggggagt	gggaagggac	60
ttctgcatca	gggcatagca	tatgtttctg	agatnactgg	aagaagctag	cagtgccagg	120
agcctaaagc	cagctcactg	tttggctgct	cagtggagca	ggtacagctc	acagtcctca	180
agccagggaa	acctggctga	cttcacttaa	agtcaagcaa	gcctggctcg	cctcgattag	240
ccaaggtgtg	gactcttcct	ccaaagccca	cctcagccca	cctctgccag	ggcagagaag	300
ccaaaatggt	cacattgcag	ccaaaatggt	cacacccttt	tgctccagan	cagaatactg	360
cctctcagtc	ttccaggtgc	ttgaggataa	ctgggggctt	catttaagt	catattctga	420
ttctgtangt	gggggtggga	actagattca	gcatttcttt	cttttctttc	tttctttttt	480
tttttttttt	gaaanagggt	nnaanttttt	cnccagggt	ggagnggagg	ggcccaattt	540
tannttnaaa	naaaccttcn	ccttttnggg	ttnaaaaaaa	ttntcccccc	ccanccttcc	600
caaataattt	gggnaaaaan	gggtttntcc	cccccttcc	ccancnga	tttnggnttt	660
tttggggaaa	aaacnggggt	tttnccatt	ttnaccaagg	gtngtttnaa	aactctgggc	720
ccnaaaaana	ttngcttctc	tnggcctttc	aaaaaagcng	ggattanccg	ggngaatnn	780

&lt;210&gt; 2479

&lt;211&gt; 1218

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1218)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2479

nnnnngngnn	nnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnngngnn	60
nnngnnnnnn	nnnnngngnn	nnnnnnnnnn	gnnnnnnngn	nnnnngnnnn	nnnnnnnnnn	120

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nnnnnnnnnn nnnnnnnnna gntggntttn tnggcncntc gggaaanccc nngnngnnng 180
gnnnngnang nnnnnntttnn gnccttnttg ngnggggggg ggnggggggg ggngtttttt 240
tttttttttt tttngnnnnn ngnnncnnnn nggggggggg gtggggggcg ncnnnngggg 300
nngtgtgttg ccnngggncn ncnnngnnnn nnnnggnngn gnnnnnnngn ntgnngnggn 360
gnngggngnn ngggnccngg gggnnngggg nngggnnnnn ngggnnnnnn nnnnggnngn 420
ggggnggggn gcnggggggn nnnnnnggnn nnnngnnnnn nnnngggggg gngngggng 480
ggggngnnnn ngggngggng gnnngnnncn gnnngggcn nnnngggggg ggnncnncgn 540
ngntnnnggg gnnngnnnnn ngngnnnggg nngggngggg gggggnnnnn gnnnggnnnn 600
nnnnngnnnn nnggggnggg ngggggngng gngnaannn nnnnggnnnn cngggngggg 660
gngngggggg nggnnggnng gnggggngg ngannngggc cnnnnnggn nngnnnnnnn 720
ncnggggggg gggcngggg ggggggggnn nnnnggggnn nnnnnngnnn nggnngnnng 780
nnggnnnnnn nnnngggggg nnnngganng gggggggcnn gggggggggg nngnnggggg 840
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ggnnnnnnng gggggggggg ggggggnnnn nnnnnnggn ggggnngggg gggggggggg 960
nnnnnnngng ngnnnnnnng gggngngggg ggggggggnn nnggggnnnn gnnngggggg 1020
gggggggggn nnnnnnnnnn gnnngnggn ngngngngng nngnnngnnn nnnngnnngn 1080
gngnnnnng ggggggggnn nnnngggggg gngngngggg ggggggggnn ngggggggng 1140
gnnnnnnnnn nnggnngnnn nnnnnnnnnn nnnnggnngg gggggcnnng nnggggggnn 1200
nnnnngggng gggggcg 1218

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<210> 2480  
 <211> 1186  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1186)  
 <223> n = A,T,C or G

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<400> 2480
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tnntnnnnnn nnnnnnnnnn nnnnnanaaa accttcgacc nttctcagcg gngacgaaa 180
cagtatatgt aggtagaaaa agaaaaagaa gggtagggtc ttnagcncng gtggacnggg 240
gannttaaan gcttaggggg atanggaata ggattannan gggagaccca aggggccagg 300
aanggtagga aaagctacca agnttggtg atcctaggaa ngaaanaaaa ggnntttnaa 360
ggaggatgtg atggnctggg gcnaaaggtn gttggnccag ncaantaant tgaagattga 420
gaaatgatcc nttgggtgta gtggatgaag gcaatagtng aactttggga ntaaaacctg 480
ttttcaagtg ggaggtaatg ggganggaaa tgcctgttg gggaantgag nttcaaggta 540
accaaccnga nggaggagaa aacttggang aatagccaag atggtangaa ttaagaantt 600
cccnaagggg ngttttttng nttggtccaa agggnaaaa gaatngaatt tggagaaaat 660
ggggaaacnt ccgaaagggg gnggaggagg naaaatntga ggaatttttt ttaaaaaaaa 720
aataaattan atttanagnt ttggggggag naaaaagggg ggcaatttgg gttggggaan 780
ttctttaatt tggggcgatn ccaccttcca ccacnaagg aaaggggaaa aaaaatgggg 840
gattgggatn ggaatttcca aagggaaaca agttggggaa angnaagnaa cacgcaagca 900
aggtngngtc nggggnttca aggattnggc cttaaagccc tncttaaaaa aataggaaaa 960
ttgggtntta aaaaaattan caaggtgggg gaactttcan ngnccttggg caaanctggg 1020
gnnnatggg tgccccnttt accttgggga acccccttt ccccatntt ttgggcccgg 1080
tatatgnttt tttggacctt aaaccaagaa tngggggnga ccantttttt nttggagaaa 1140
aaatgggnaa aaaaaagnan gggcncccc tanaatttcc aaaann 1186

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<210> 2481  
 <211> 1101  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1101)  
 <223> n = A,T,C or G

<400> 2481  
 ngnatTTTTnt naaaaaccnc cttttttgCG gaaaatcccg tttngccttg ntntccttaa 60  
 aaactaactt cTcccccttt tggntcacc ccccccntaa aagggnCana aagagagatt 120  
 ggngngggta nngggatttn tttttntat tnaaccnttt ntTttgggnc naaggggcca 180  
 nagccccnc aaaaaagnna nggggggggg ggaaaaangn gngnggtgaa aagcgnTtct 240  
 catnaggcc aatcgngggg ggnannanag tntcaccccc acctgtgggt nctntcttnn 300  
 gggncaanag ggngncctt anaaannntt ataancnttt tttacacttc cccntttcc 360  
 ccttttnggc ctaaattggaa ngaanggaca tcatnaangg ccnngaaagn gggnnaccaa 420  
 ngngngncnt tcctggctnn nccttanttg gggngaaggg ntTccctagg ncaccaagac 480  
 tcaaccttnn tttctngcac cnccttttt nccttttgaa anannananc aactnctgn 540  
 aacaaaatcn actgcttggt nctgcttttg angggngtaa tnatcttta nccnaancTc 600  
 tggaanttg ncaattctat tttttaaaaa cctctaaann anggnanan aanccttggt 660  
 nntnanaatt gatanacntn ngntccnct nanggtacat ggttggnTnc aagaacccta 720  
 tttntaccn tatgnaanac angTctntga tttntctngca aannnaaaaa ataccctttt 780  
 tngnggaana ntaaaggaaa ggaggcttag nngtnccan tgccctctt tggcccttna 840  
 acaggatngt cncanagg ggcceccat tnttgcntt tccttgncce cctncctg 900  
 gnntnacctn gnttngatng cactcttcc ttttccctg nnaanacccc tgggtttTnc 960  
 cnaagtntt ncttccctg ncccccttct aaaaantcct ntTggaaaat ccncncttnn 1020  
 cncancctc tntgggttcg naacacttg gnacccaatt gggcccaatn ctctnggctg 1080  
 gntnctnta cccnnancc n 1101

<210> 2482  
 <211> 1093  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1093)  
 <223> n = A,T,C or G

<400> 2482  
 ncttacgcnt tngngctgtc ggtgatttgt ttctattaaa aataatttTc aagtgggttt 60  
 ctTgtntctt agtattgaaa acttngtg tnttttann aancTtngga cngtTtttaa 120  
 gagaantcag tacccttng tTccctntt tggantccta aaaaaaaang tcaagtTntc 180  
 atgnccaggc ccgaatagt caggcctgg aaccttancc ctttggggng gccaaaggcag 240  
 aacagaatga acctcgTga attgggcca cctcanccct cccaaaagtn gctgggtatt 300  
 tancaagaat ggtggaagcc ccccgccacc cccaagccct ggaagtTtTc ctcttttcc 360  
 tcttctttt tttaaacct ttaantttt ttttgga aaaaccccc gggtaaaggaa 420  
 cttttttggt tgggggggga agccattttt ttttggttTt ggaatnaaat ttttttaacc 480  
 tgggaaTcct naaaaaagcc ctggaagtgg gaatttttt ttttaaaaa aagnaatt 540  
 tttgnaaat ttttggggc ctttttccct ttcaacccca aggtTaaat taatnggtTc 600  
 ctccccctt tgccntttt ccttttttg aatgggtngg aataaaggTt ttttttgaa 660  
 aaaaatnggg ggttgTgaa aaaaaattc nttaaaatta aggaaattcc ttgggtgggg 720  
 ggttgTgaa aatttttggt ccttggggg gtttgggtTt taattgaaa agnttcccc 780  
 aacccccctt ggttngggg gccccccaa attaaaccn tttaaaccct gggttgggg 840  
 gtnaagggga aggttTgggt ttttTgaagn ccttanttt cntnggggaa gaaatttant 900  
 tttnggggtTn aaaaggtan tTncctTaaa aaagncctt ttaaaaancc catggtTntt 960  
 gtggcccccTt tggttttgga acccagTtaa agnccccct tnttttgcc attTgaaaag 1020  
 acnntTtgaa agaaaataat ccagccctg cntnaaact atgggtgga agnttccct 1080  
 cncaattttt ntT 1093

<210> 2483  
 <211> 894  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(894)  
 <223> n = A,T,C or G

<400> 2483  
 ttnnctaagc cctttgggnt gccccaggta ctattagaaa taagacaaaa acttttgcnt 60  
 cnaanaacct ccnaancntn tngganntnt tntttngann ggggcccaacc aaantncccc 120  
 aacnnttngn ccnccnnanc cnagggtctt nanngnangcc nngccanant gggcntngca 180  
 ngaaacactt nnngccnttt nggaaagggg cccttntntn taaaannctn aatngccnat 240  
 gccnngaata aaganggtgt ncctntngca aangaatatc ccaagtgtca aggtccaacc 300  
 caaaaaggcc tngtaagang ggantcaagt gtnggtnacc aagccaaagg atngaangga 360  
 anggccagtg atttgaccaa tggggcaaaag aatgaagggg acccaagctt gtgaagggcc 420  
 cnatttgnta acctgatgaa attggatttt tctnaaanaa aatgggggac caagtataac 480  
 tgtngctatt tgancccttg aaatgtggct tgttccgaat ttgagatttn cttnaattcc 540  
 aaaaattcac ccctggattt taaaagaat tttaataaag ggaaaggctt gggcccccg 600  
 tgggcttcac cgttcttgtt aaattcccca ancanctttt tgggggaang gnccaaaaaa 660  
 ccnggggtng ggaattcccc caaagggtcc aagggganaa atccaaatta ccccanttnc 720  
 cttgggcttt naaacaatct tctttacctt taaaaaaaat ttccccaaaa aaaaaaatt 780  
 ttaaaccttt ggggcccttt tgggtttggg ccnggggttt gcccccttnt taaattncce 840  
 cccaancntt accttttgn ggaaaggcct ttnaanggc ccngggaaaa aaaa 894

<210> 2484  
 <211> 935  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(935)  
 <223> n = A,T,C or G

<400> 2484  
 cccccnncnn nnnncnnnnn nnnnnnannn naanngnncn nannnnntnc ncnncncaacn 60  
 naccanannn cnnnnnannc nnnnancnnc nnnnnnanan nnnnnnnncn nnnncnnnnn 120  
 tatnggaacc cctagcgcaa acatgganan ccctaactcn ntcaacctgg gacggcaaag 180  
 gggaggggan ggaanctaac caaagggtaa tggactttag aatcnacata tanccaacaa 240  
 anccccgcaa ncctttgggc cannancann ctatttgggg gagcagctgg gggctgggtac 300  
 cataaaanag aagagccncc cnaaaattnt aaggcctttt atccctggct tctaaccnna 360  
 aaaaanncag ggagaagtca angaagctag ggttcaaggn tgnccccccc tcnaaaagg 420  
 ntttgggcca agcgggntaa aacaagtttt ccaacaactg ggaaacaaaa ctgnttaagc 480  
 cccaccccn aacntgggtc actgggggga cttttgctaa cccgntcctg gggggngacc 540  
 cttttcccgg ggattttccn ttggtcttta tcaaancaag aanttaaacc accatggcct 600  
 aaaaaccgnc ttncattttg acttctctac tccgggngtc tcagacaagt gtcttcccag 660  
 aaaaaccacc acctctacc caaagatgaa acatgctcat gncatttttc tcatggncac 720  
 atttaaacag ttttgacatg ttatacttgg cgcatagaat ccaacgtttc ttggggaacc 780  
 tgacctttng agtgtttaan aaagccggaa gngggggttg ccctgaacc aacagaattt 840  
 cacctggggg cngggctccc ggngnttaaa cactgggana caatctttga tnggccgaaa 900  
 gnnaggtcaa tctttcngaa cncantttgg gaccg 935

<210> 2485

<211> 914  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(914)  
 <223> n = A,T,C or G

<400> 2485  
 ttatcttacg ctntngtgat gccggncctg tcgcttgacg cttggcctgg ctttttttgt 60  
 ganatatgng nnacttttct tctttattan gncctaacc nccccttccc ncccnaana 120  
 anggccattn nctnccctnnn gggnnnttnc ctaaaaaana aattanaang gatngnaang 180  
 aaanaaaagg anaaaccagn atttaanggn ggtnggctta acttggggcc ncctaaccga 240  
 cctgnttcaa ttnaggggctn gaacaaanct gaagcccctt tgaagagcca aggcctggcc 300  
 agganacagg gtggggggccc naattacaac ttcccccata aaaaccaa tttnttgaaa 360  
 gnaaattgtc ccaaaantng cagttatttt tcttttgcca agggaggggg gaattcctgg 420  
 nangatgggg tttcaatgtt cttnttgatt ccccanttn ctttttttgg ggaanggctt 480  
 gaangntngg ggaaggggaa ttttgctttt ggaagcccc cngngaaagt ttccntang 540  
 aacccaangc ccccttgggn ccaaacnaat tgggncggaa gaacccccca ttctttctta 600  
 ccaagnaaaa ttttaaaaaa atntantnnc atctntntt ntttttcttt gggggncceg 660  
 ntttttttta cntttaaatn cccnaacntt nttaaaaaa anctttttgt ttanattttt 720  
 ggacnaaaac ccnaaatntt ttaatttttt nnttnntnaa ctntaataa ttntnttttt 780  
 ctctatatatt cntntctcnt tntttantct nttttntnta ctnttncnn ctttatttta 840  
 ctacncttct nttntctctn tntctctnnt anttnnacgn acctactnct cttttttttn 900  
 nctttnttca nnnn 914

<210> 2486  
 <211> 1288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1288)  
 <223> n = A,T,C or G

<400> 2486  
 nnnnnnnnnn nnnnnnnnnn ngnnnnngngn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnnnn nnacggacnc ntagggccct tcncaaaann ncccnnaann 120  
 agcnnncnnc nanccncccg nccnggncce ncctagcagg aacncggngg gggnggcngg 180  
 aanttttttt tnggtntccg ggggaancng ggcaggnaga ggncatggg cnccccggca 240  
 ccncncnagg cggngggncg gnnngcggga ncccnancan tccnaaagg ccgcancnnc 300  
 aanaccgggc cngnggacn ggcccggggg gggnggggaa gggccacccc ngcagaaaaa 360  
 naaggaaggg cnccccggg caccctccc naaaacantn aaaagggncc tggggnaaaa 420  
 ggccccanaa annnnaaac caannggcng ggaannaaac ccnanaccag gaanatnnnn 480  
 canggcctgg gagggggggg ggaggaggaa aggggggaaa aaggggnggg ggaannaggg 540  
 ggnnnnccca anccccang nnaccanggg gggggaggga annccccag gggnaaccgg 600  
 nnantnnggg gagnnanaaa nagggaacna aaatnnnggg gnnngggccc gggangggc 660  
 ccgggggggg ggncccaang gccccgggga aaatcccccc aaaccacctt tttngggggg 720  
 ggganggggg ctggaagggg nccanggggc ccccccaag gncccaaagn ggaannccac 780  
 ctntggggagg gggggcccng ggggggggtt tncggagggg gacccccggg cccccgggg 840  
 ggccccaaan caangggggg gggggaaaaa acccccna aaccnctt gccnctaaaa 900  
 anaaaaaggn angtnagaa aaaaanncna agnccccng gggngggngg gggngngggg 960  
 ggngggccaa aaaaccccc nanannaaan ncccccagg ncnnnccctt ngggggggga 1020  
 agggggcccc gaagggggcc cagggggang aaaaancgg gcctcngggg nccccccng 1080

ggaaaaagg	ggcggggaag	ggggnntnng	ccngggncgg	aaaggccccc	caaggaaaaan	1140
gggggggggc	ccaccnnggg	ggaccctncc	caaggggccc	nggggggggg	ggggggccag	1200
ggaggcccn	ggggaccccc	ccccanatt	gggggggnga	anaagaaana	aaanaaang	1260
ggcgcccn	nnngggggg	annggcgc				1288

&lt;210&gt; 2487

&lt;211&gt; 749

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (749)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2487

tttnaccctt	tcgatnccgt	gntgctnnct	ntngctcagn	gctnctggna	aacacntgga	60
ggagancaaa	ncccgccagg	cntgnngctg	ntnttactgt	ttctgtgggg	nggggaang	120
ggaagtnttg	aaaattncca	ggtgtgtntn	aaactaaagg	gtttnaaann	actgtntctga	180
accagnnctg	nttgaggtaa	aaggcncagg	attntnctng	tggttggnaa	aaatntcctg	240
tntccaaant	ttgaggcagg	aaatanaggt	tttgctgggtg	ggattgtggg	ganactccta	300
ganctggaac	caggaaagg	ggatccactg	ttttgtgaaa	agggcatttt	cacntgaaca	360
aggttggaca	gcagganccc	cttagggacc	cctgtgagca	ggcgtcttga	cttgtttttt	420
gaaaacantt	aagacganca	atgtgatgtg	aagcattcan	agtaagggtg	agtggactgg	480
attaaataga	ngggcaagtt	ntatcatctt	tcttntgccc	cgtgcctcct	gtttcttctt	540
tcatttgttc	attaaacaaa	tgttttattg	atgggttatn	aatgtgccan	acttgccctag	600
gtgcatggga	ccgcaacaat	aaagtggagc	caagaagggc	ccagttctca	cngncttat	660
atctaataag	acagtgaata	aataaacttg	ccaatcaaat	ctntgncata	gctntcatcc	720
tttcanacat	aatttaaaac	atntgaaan				749

&lt;210&gt; 2488

&lt;211&gt; 800

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (800)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2488

nacngaccct	ttggngctgt	cggaataaac	ttcgaagtc	tcttccttta	caatatttga	60
attcatattt	gtncctttct	aaaatagtgn	ttcatttttc	ctagaattac	aggagggagc	120
tcttttacta	atgttgtttt	ggttgnccac	ttggngggct	antantagga	ngttttctan	180
tngtaanaaa	aactcttttag	agacttttga	ctgggtcagt	ntactgaggg	gtggagattt	240
gnttcatgat	gaaaaagcct	atagattgcc	aaaaaattaa	ttctccaaac	cacctttcac	300
tctcagaaaa	tgagacccca	aaggagtntg	cctntaaatc	aaatttgcca	accaattatg	360
tagatattac	tcattctagg	actaatgatg	atggtaaaga	agttgccagt	gttatggcaa	420
tgaaaatttc	agaaaggagg	aggtggatga	tcttctagat	gtatatgaac	acctgnctat	480
atctgcatgt	atatgttttg	acctgccagt	ggtttgcaat	gttgatatgt	gttccaagaa	540
tantnctgtc	tacnaaactg	gaaggcccat	gtcnaaattg	gtcctttatt	ggnggggttt	600
tatnggcacc	gtgggaacaa	ttttcttanc	taaacctacc	aaaagggtct	tctttggatg	660
gaacaatttt	tantttatta	ttttacctna	ancctttttt	nnnnnaaaaa	aaaannnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	naaaaantct	tggggggggg	780
ggntttttta	aaaaaaaaan					800

<210> 2489  
 <211> 1043  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1043)  
 <223> n = A,T,C or G

<400> 2489  
 cnancnatac cnccttttcga nnccgagncc ggcganaaan ngaatggcct ntntgttcag 60  
 nanggatccn cctccngctg nttgnttcat gtttttgttc ctggnccaac gcttttccat 120  
 ntgtngnatc ntaatccgga attantttggc tttttggggg tntttaattt ttgaaagg 180  
 agnttccctt tgtngcccag gctngaattg nattngngcc aacccaacct cgttgaaanc 240  
 ttctgcttcc aaggacaagg gaaaatcctc caaccttaag cctttccacg tancctgggg 300  
 antaccaagg caatgcaccc acaaggcatt gcanccaacc cncccaacc taaatttttt 360  
 tgggtatttt tnggtaanaa naacaagggn gtgggcaatt aaatnnttng nccccaagcc 420  
 tttgggtntt tttggnaaat ggcccccttg aagccttcaa aaanccaaat ttttaaattt 480  
 tngccccctt tngggcccc ttccccnaa aaaagnggcc tttgggggga aattaaacca 540  
 angggcccat tggnaaancc caacccaacc cggggcccca agcccccttt tccttnaaat 600  
 ttntgggatt tttttttttt nnaataaaaag gggaaaangc cctaatacctc cntttctttt 660  
 ccccccttcc cccnaanntt anggggggnaa ttccntttt ttcccccttt tccgnccaac 720  
 ntttggctcc aatgttacnt nggaatttcc cttcaaactt tcatttaatn gaaattccca 780  
 ttttgggnaa acccaattgg aaaaaaangg ccaaccttcc anaaaaagcc ttaataaaaa 840  
 gaaaattggt tttggngggg aaatatcctt cctaaaaanc ttattcttgg aaatanattt 900  
 tcccttttaa aatttgggga aaacctctt tttngggaga ccttttgaaa aacnttggga 960  
 aaaaaaacc ccaanggaag tttgtatttt nggaaaaaaa aanaanaact tnganccttt 1020  
 ggtaaaaana aaaccaagg ann 1043

<210> 2490  
 <211> 1196  
 <212> DNA  
 <213> Homo sapiens  
  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1196)  
 <223> n = A,T,C or G

<400> 2490  
 cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60  
 nnnnnnnnnn nnnnnnnngc nnnnnngnnn aannnnnnnc nnangcnna cnnnnncgan 120  
 ngngnagnn nncnngnnng nngngnnngg nacnnnnnna nnnnncnngn nncnncnngg 180  
 nnnnnancnn ncnngcnnn nacnnnnnnn nnnnnnnnnn nncnnngnt cngatccggg 240  
 aaaacccttn gcgcgcaagn ccnncgcggg ggcggaagng nagcccaccn cgcacgcna 300  
 cggggnangg ggggggcccgc ccgccccnnn ggnccgttgg acgggcccgg ccacccgggg 360  
 ccggggacnn gaccggngg cannaggcga cccannnccg ggccagcgaa ngnggccnga 420  
 nggcaaccgg ngccagggan ggnaccncng gnaggngngn ngancanaac gggangggng 480  
 gccgcccggg nnggccagga aagcaagggc cnnngnacnac nnggcccccn ggaaaccnng 540  
 ngccannaag gcggannnga ngnagagaan ccnaaacggg ccccnagca agnnaaaaan 600  
 ngacnggggg accanccanc ngccgggaca ccggggggaa aaacnncnga aggagngggg 660  
 ggnaanccgg ccacnaangn nccaaggcng gggnnanaan cgaccgggc ccaaaagggg 720  
 cccaaagggg gnaccaggnc cgnncngngg ggccncccc nggggncnng ggaannacca 780  
 gggccccggg ncccaanggg gggccccggg cgaaccccc ccccnagcg gggggggggg 840  
 acanacngcc ccccgggggg gggggggcca gggaggagan ccccccggg gggaannnnc 900

```

ccncaagg gggggccnan aaagggggcc ngnggggggg gcccgccgn nccaannnac      960
gagccacca ggacnacga gggggggggcc nacgccnggg gganangngg ncgnnaaac      1020
cacggggaag cccacnngg gccngggccn gaaaaagacc cccccaanc cccngaaaag      1080
aancaggggg nnggacnnaa nntnccnnag ggggggggncn ncaccnggn gannnccaac      1140
gaaccgggcg gaaanaaaaa aaggnggacg gangnanccc ccagccccc cgggcg      1196

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<210> 2491
<211> 855
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(855)
<223> n = A,T,C or G

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```

<400> 2491
naaaaannaag ccctttgaaa actnctgttg aaaaccacca agggtttagt ccactctgcc      60
cccaaactct gagtctgctg anntnnncnc nttccttcgg ggtgggttna ggangtgncc      120
ctggctggtn gggagggtga ncctctgaaa taagggtggg gagtcatnca gggnggcctg      180
ggcccntggg ggggggggta aacctcaaaa aaaggggagg gaaggcttg gactgcctg      240
aaccatttcc tctacagcca gaccaccag gtggcggacc catcatccca nctctgcant      300
ataatgggat tgcatacata tcaagccctg aaaataactg ggaccacctg ctccccctt      360
cttgataaac aacacatgtg aatgcaacct gtcagtcgtt ggaaagtgc ngcatggaaa      420
ggcaattncc aaatgacttt ttaaaaagta tgagaaattt gcctggcttg aaccgttttt      480
ttaaattaat gcccggggag gtttaacat ttaataacct atttcattaa cttttaattn      540
gaagcctnng gccttttgaa nggngggggn ttttaaaggg aaaaacaatt tttgggggna      600
ttctntttg ggccaanggg ggaacaaaaa aatngtttgt aanccttggg gnccccgggt      660
cnggccaaa cntttttttt accaaaaacc cctaaanggg accctttcaa nggggttncc      720
cgggtttggc cnccatttaa aaggnacccc ggggggaang ggacnaaaaa acctttttt      780
tngccnaaaa aanggggngn ggggggcctt ttttatata aanccatttt gngggganac      840
cnattttttt ccccg      855

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<210> 2492
<211> 673
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(673)
<223> n = A,T,C or G

```

```

<400> 2492
ttaaacttta cancnttcgt gtccgtggaa ntctgggtgt tnggcccgc nttcgttgg      60
ctcnncnttt ngcngancct ttttncgnc ttnccngana aaaaaaagg nnggccnann      120
ccgacctttt ttcnngccag nnngnttttn ggggngccnn taaangncnt ggntnaaggc      180
caaggncncc ttgggncctn ggnnancaan ncccgtaag gatnttcggg gnagntcatt      240
ngancngang gccacctnaa ctnnccgatg tgcaacatca caagcacntt cnaaaatngc      300
ccgatggcac aanttgagca aggtntcctt ccgggcaccn aaatccgctt tttgaatttg      360
cctgactgct gaaaaacccc cctgttaaaa gcatgaaaat aanaccaaag ctcagggtg      420
gccgaggaaa cttgcattct caggccaatg gcccaaaaaga aaagacgtgg atgggacgtg      480
gaaacatttt caaagcgaga tatttctagt tgacagaact tgtcttttct taggtattga      540
gtcttgagng gtgcttggtt attntaggat nttgctcttt cttaacaggg aatgttacta      600
ataattgggg nttttgtcna aaccnnagaa gagagctntn gaaatnnggn ccnacatcta      660
cnntnttnc can      673

```



<210> 2493  
 <211> 837  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(837)  
 <223> n = A,T,C or G

<400> 2493  
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 gantaaaaaa ancaaaantcc tgtttttgng cctggaacca cnttgnccag gcangttata 180  
 aancagggtg gantcgggtt agccccaccc agnancgnag gnnngcctca ttgngaccc 240  
 tcctagccca gcntaaaagg gcatcacccct gcgngtgctc acaaagaaat atggaatttt 300  
 cccttgccgg gcttcaatt gtggnatnna aagaaccctc tcttgtgatc ctgtgtcctg 360  
 ggtgctctgt tggcctcctt cntgccaccc gaaggaanaa catggaggct tagagaangg 420  
 gctcactgaa caancgaaaa tgnttgggaa cncaaaagga gctnccaaac acaaaggagc 480  
 catgaatggg gcttaggctc ttcccnagg gctgggtggg cctcaaccgt cttgttgggc 540  
 aaaaatcctg cttcccttga cacancgggg gcttaanaaa ccaancctg nggtcacaca 600  
 ccctggtgga attaacaatg cctggctgga cccctcactg ggagaaaagg gctacaccgt 660  
 tttgtggaac caaaagccaa aaaaaagggtg ttttatttng gaaaaccaa atccaaanct 720  
 gnnctattta ctttttaatt aanaaaatc ntttngggaa tttggctnat gccctataaa 780  
 tccccaccac cttttgggaa ggctgaaggt ggggaaaaaa anaccccgan cccaant 837

<210> 2494  
 <211> 744  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(744)  
 <223> n = A,T,C or G

<400> 2494  
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 agggaaacact aagaacaaaa aaggaaggag tgatacctgc ctgagtggac agctgtaaat 180  
 cagctgtaat tactgcagtt gtaccaatag ttgtgagtgg ctccagtcac tttaggagtc 240  
 cttggaagta cttggtacac atttgttggc tgtaccttaa aggaagtggc aagtccagtt 300  
 tgttctctct accacactag actgccactg acaagtttgg gtctgttggg ttcaaaattt 360  
 tgtaagccat tttcacaagt acaaagatac attttaacct tgtcttctcc aaaattactg 420  
 agtaggaatt ttatttttat ctttttgaga cggggtatca ctgtcaccca gactggagtg 480  
 cagtgggtgg atcttggctt actgtgacct ctgcctccgg gttcaagtgg tcttccctcc 540  
 tcagtctcct gagggtctgg ggcggcangc gcgtgccacc atgccagct gggttgggtc 600  
 atttttctgt ananacnggg ttttgccatg ttgccgggct tggtctcanac tcctgtctca 660  
 ngcgancatt tcgncttcgn ctcccaaggc gctgaaatta tangtgtgaa cccagcatc 720  
 tggccanant gagganaaat atg 744

<210> 2495  
 <211> 1593  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1593)  
 <223> n = A,T,C or G

<400> 2495

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nnatnaannt	aaacncttgg	gaaancccn	nnntgtgnnn	nnnaaggngg	ggnggntggg	180
naagngaggn	ggngnnngngn	gnnngttnna	ntnttttttt	ntcngnnnnn	cnngnggggg	240
ggnnnnngggg	gggggggtgg	nggnngngng	ngtnganntt	tttttngnng	ncnggnngnn	300
nnngnggggg	agnggggggn	gngagnggg	cggngnnngn	gngggggggg	gnnggnnnnn	360
nggnagnggg	ggngngngng	nggggnangn	ngggngngnn	ggngggnggn	nggnnggnng	420
annnggggga	naanncgggg	angnggggg	gnnggnngng	aaaggagaa	ngggngnggg	480
gnnnnnngggg	gggnttgggg	gnnaaggga	ngnnnnngna	ngggnnngng	gngngnggn	540
ggnggggggg	ggngnnngcg	nnngannng	tggggggggg	gnntgngngn	gcnggnngna	600
gcnannnnng	gnnnngggng	angggngng	nggananggg	naanngcggg	ggnggagngg	660
gnnggggnan	ggttnggggn	nnnggnagag	gngcgnaann	gggagggggg	gggagggggg	720
gaagggggang	ngnggnncnc	ngngnggggn	ggggggggang	nnngnnnggg	ggggggggcg	780
nnngnnnnnt	nggnnggggn	ggggggggng	ncnnngngng	nnannngnnng	nnangggggg	840
gagngggggg	ggngngngng	ngnggnncgn	nggcnnngng	gggggggggn	nnagngcna	900
ngtttggggg	nnnnnnngng	ggngggnggg	gggcnnnnng	nnnanggang	aggngnnnga	960
ngcnnngggg	ngnnngggag	ggggggggang	acncttgnng	gggggggggg	ggggggggag	1020
tnngaggggn	gancngngng	annnncgggn	tnaaggnnng	ggggnggaag	angnnnnnnn	1080
nanngggggg	ggggngngng	gggggggtgg	cggnnngggg	gagggtgggg	ggcncaangg	1140
ggnggnnnnn	cggggggggg	nnannggggg	ggggggggng	nggganaana	gnaaagggna	1200
nggggggggt	natggggggg	nacgcggngg	gngggngggg	gnnnngaana	gggggggggg	1260
ggggggggng	gggggtnggg	gtnnnnccgg	gggggggggn	gaagngngng	nggnaagggg	1320
gnggganngg	gnnagggnaa	ngangncngn	gnggggaggg	gaaangngng	ggggnggggg	1380
annngnnngg	nnngnnnnng	gcnggggggg	ngcanganna	ggggggnggg	tggggggangn	1440
ngggggngng	gngcgtaggg	gggggggaga	agnggggggc	annngtcgcg	nncggngggg	1500
gntanaannn	gangggngng	gtgtggggng	ggggcnnttg	gggannnagg	ggnggggna	1560
cggggggngn	aagnnnnngg	nggttagggg	cgg			1593

<210> 2496  
 <211> 730  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(730)  
 <223> n = A,T,C or G

<400> 2496

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cttnttgnen	gggtcttggc	ccttttggtg	ncggccnagg	aaactatttg	tgatcccacc	180
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agcgggtcaag	cttggaacaa	anacctncan	gcgggtccct	ggtgttcttg	gcagtcacgc	300
ccaactgccca	accgctttgc	ttgcactttc	actgggggtta	aaagaanatt	cttcccttcc	360
aagaatccca	aaaaccggct	ctctgccagg	gggacttttg	aattccacac	ggatcaagaa	420
caaggacacc	tttgcttggg	aacaatttgg	atgggagctc	tcctnctcgt	gtccactgga	480
aagacattta	ggaatcaaat	tcaaggaaaga	aagaccccgga	aaangggant	tgggaatggg	540
tgtgtgtgag	ancatatgtt	ggttttgtgt	gtgtgtgtgt	gtgctngcct	gtgtattttc	600
acttatatan	aaaaatattg	nttttttaac	aaacatntat	ccaatttntt	gtntaaaaaa	660

atatcccttc gcgngttcta tcaaannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720  
nnnnnnnnntt 730

<210> 2497  
<211> 754  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(754)  
<223> n = A,T,C or G

<400> 2497  
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cctacagtat gacgatggca gcggtatgaa gcgagaggcc actgcagacg acctcatcaa 180  
ggttggtggag gagctaactc ggatccatta gccaagggca gggggccccc ttgctgaccc 240  
tccccaaaagg ctttgccctg ctgccctccc cctcctctcc accatcgtct tcttgcccat 300  
gggaggccctt tccctaagcc agctgcccc agagccacag tccccctatg tggaagtggg 360  
gcgggcttca tagagacttg ggaatgagct gaaggtgaaa cattttctcc ctggattttt 420  
accagtctca catgattcca gccatcacct tagaccacca agccttgatt ggtgttgcca 480  
gttgctctcc ttccggggaa ggattttgca gttctttggc tgaaaggaa ctgtgctgtg 540  
gtgtgtgtgt atgtgtgtgt gtgtatgtgt atctcacact catgcattgg cctcttttta 600  
tttaaatgg cagtgtagg agttgtgggt agtggggaaa naaggtaag aaggtttcat 660  
tgtctgtgaa gtganaacct ncntttactt ttcntttatt gcctctgaaa acattaaggc 720  
ctaaaggcct gactgncnaa ccatgggtag cccn 754

<210> 2498  
<211> 752  
<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(752)  
<223> n = A,T,C or G

<400> 2498  
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acttgcaagg aatttaagga aatctctgtt nagtcattag ccagccacta aactaactga 120  
gcagatcctt cagtgatcac acacaacaaa gaatacagac ttacagact tagtcctaga 180  
aaatcactac acaaacagca caacaatgca cctgggacta agggagagga gatgagttcc 240  
agagtggta tattatttaa atgtctagtt ttcaataaaa acaattataa gacacagagc 300  
aaaactagaa agtatggccc ataccaggg aaaaaacaagc aaccaataga agctgtcctt 360  
gaggaagtta atatcttgga cttactagaa aatgacttta acactagtta ttataaatat 420  
gttcaaaaaa ctaaaagagg ccaggtgcgg aggtcacgc ctataatccc agcacttttg 480  
gaggctgaag caggtgggtc acctgaggtc aggagtgtga gaccagcctg accaatatgg 540  
caaaacccta tctctactaa taatacaaaa attagccagg cgttggtggcg cacacctgta 600  
atcccagcta cttgggangc ttgaagcagg agaactgctt tgaaactggg angaagaagt 660  
tgcagtaagc tganatcacc cactgtcttc acctgggcca caagagtgna acttcatctt 720  
ccaaaaaaa aaaaaancc cttnattnct ct 752

<210> 2499  
<211> 759  
<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 2499

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gccacatcct	cgaagcacac	agatgcctga	aacagggcac	ttgttactgc	tcagagaccc	180
caggtcctca	tgccctcacg	gaggtacctg	ttaaggccta	aatgttggtg	tcccccgta	240
aaattcatac	attggaacct	aatacccagt	gagatagtgt	taagagggtg	ggtctttaca	300
aggcaattaa	tgctctcata	aaagaggctt	gagggagcct	gtgttcacct	tctaccatat	360
gaggacatgt	aagaggtgcc	atctatgaga	cagcaggccc	caaccagacc	aactctgttg	420
acacattgat	cttggtacta	ccagcctcca	gaactatgag	cagtcaattc	tggtgtttgt	480
aaattgctca	ctctaaggta	tcttattata	gcaacccaaa	cggactggga	cagctccatg	540
tatgtggctc	gtaccattcc	ttttcttggg	catctcacct	cttgccagtc	acagcaagtg	600
gtcctgattt	ctagactgga	aatgacagga	acttcactag	gagatcctta	cccctttctt	660
ttttacaaaa	atcacaagat	tcgaaatgag	gtaagaaaga	aacttttaaa	tcnggggtgg	720
gaaaactgca	gcctgtagga	caaatacagg	cttgnngggg			759

<210> 2500

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 2500

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accctcctcg	gcctcccata	gtgctagggt	tataggcaag	agccactata	cccagactgg	180
attagatttc	ttcacatgac	atccgtagag	tgctgtgtgt	tatgctctgt	ggatgtaaaa	240
tgaacaggca	agagtacaga	agtagaatct	ctagccatgc	agtcagacag	atggctccaa	300
aattagttac	ttggttatgg	agacgatcaa	gttacttgac	tttgagcctc	agttatgtgc	360
caaatgagga	tactaatagt	atctatctca	aatgcatata	tgggtgttca	ctgtctctgg	420
gagacatttt	ccaaagaaac	caagactaac	ttgttaaggg	aatagatttc	tctcactgat	480
acaggatgtg	ctctaactgg	ccccacgata	ctgcattgaa	ttacaagtgt	ttcctaagta	540
tctgtggggg	atcanttcaa	nacctctctt	gaataccaaa	attgaggaag	tcaagtnoct	600
gatttataat	ggcaatagta	tttgcatnta	atctantngc	antcctgtat	taattttggc	660
attctctana	attccttgta	atacccta	acaaangtaa	atngnttggt	nagtagttan	720
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<210> 2501

<211> 1156

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1156)

<223> n = A,T,C or G

&lt;400&gt; 2501

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nnnnngnnnnn gnnnnnnnnng nnnnnnnnnnn nnnnnnnnnnn ncaaaaanga aaaccctttt 180
ngnnaaaancc cncnngcngg gncggcangn aacaccnngg nccnagcana agccccaccg 240
gnggcaggga agncacctgt ctcccttcag caacagcncn gcacnnnacc gnnnggagcg 300
cncnnnnnag gacnanggtc agcagacnnc naagacgggc cccaaagaag gccacnnggn 360
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acaagaaacg gnggggaaag gggacgggga naacaannnc cagaaanaag ggnanaaaag 480
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gcggggnaga caccnngnac ggcaggagg ncgagaccag gcccggnan gaagggggga 600
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ccnggnaaac ccagncnacc naggggaggg cnggagggca gggagaaaac cgccnngaac 720
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aagggggggg ggggccaagg ggangcccc ggggaaaaaa accccaang cnaaccnngg 960
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cgccccanac gggnaaccn cccaaagccc gggggggggg gggacaaagg gangcgagg 1140
gaaannnggg ggcccc 1156

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&lt;210&gt; 2502

&lt;211&gt; 796

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(796)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2502

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ccccggaggg ctgccttgta gagaggatgt gagcagctta gtcgctcatc tggccctgtg 120
attcaggctt atggagcgtt aagaataaca gctgtcaaat ggcctagaca tggttaatgc 180
aatttgttgc tagtggaat cctgaattgc ttcctttctg tgatcactgc tacttcttaa 240
gatgcttttg atgaatgtca tctgccttac aagttgacac ctgataactt ctccctgatg 300
ggtttccgaa ctggctgact taacaaaaaa gccagctctt gccatctatc ttgcattaaa 360
aggaattcct gagctcctaa ggggtcagct gcccactcc tgactttttt atttttaatg 420
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ctcacttggt aataatagga atatattttt gcagaatcta acataatacc cttaaaattc 540
atactggaca accatcaagt gtgatgtata agtatctggt gtaaacaat tttattcagc 600
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ccaggttttt tcttctttgg tgggtgggct ttaaaaccgc ctggaattgg ccatttttgg 720
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tggttgtttc ttcattn 796

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&lt;210&gt; 2503

&lt;211&gt; 723

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(723)

<223> n = A,T,C or G

<400> 2503

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gcacactgat gtacatttcc tgttgaccag gctcattctt taagcattct ccattgcttaa	180
accagttcca taatccctag gccgtgactc cagggattga gactgaaagg atcatttatg	240
ccattgttct ctaaaagcat cattgctgga agacttttga taagtctgat gtgtctcaag	300
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gaaaatgtac anattcttnt gataaagaaa taaatgggtt gtgtnaaaaa aaannnnnnn	660
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nnn	723

<210> 2504

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 2504

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ctgcgcagga agaggagggg aagcaagaaa tgaatttggg tccttgtgat ggcagtggct	180
gctgccatca cgctgtgtgg ctagggtctg acacttcatg gagccggtgg aagccccgtc	240
cctcatgagt tgggactgga gccgcaaac gctgctgcag acccaggcct tctgctctat	300
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gatccgagcc tctctgctcc tgggggagcc gggaacaggc agaatttgcc cttccagatg	420
cagctgcagc ccgcgcaggc agganccagg gacaaagtgg gagcccttgc ctntttccaa	480
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cccttttaac ccttccatc ccttgcaagg tttcaanggg gtggttttgg ttttccaact	660
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anatncngga anccccaaaa acctttgaan cccattaaaa tggccancca gggaaggnaa	780
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cct	843

<210> 2505

<211> 1448

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(1448)

<223> n = A,T,C or G

<400> 2505

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nnnnnnnnng ntnttgattn ntanaaccct ttgggaaaaan tcccnnnnnn nnannaannn 240
nggggggggnn gngggngngg nngntgagt gngaggnggg aagggggggg gntttttttnn 300
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acngatgntn gtgngngggg cngngngngc gaacnngcn gngannnnng gngggaagna 1020
gggtnnanga ntngngtgat gagngcggt gagnggagg nntgnagngc gngncaggga 1080
nnngatgac tngggngnga gacgangncg ctgngcngag cncngcgcn ngntngntgt 1140
ngggnggaaan ggcngagcn nggagnngt gngnggtang ngaggagnga gngtgnntan 1200
ggcgnntng anngcgnagn gnanngtngn gcanggagg gcgccgagnt gcgagngagn 1260
gngangnggg aggaannngt gagagggcng nngngcggag cgggagnnac cngngcgcg 1320
ggagggcggg cngngtnga anggtcgca gaggtacggn gggngggng ngntgaagg 1380
gnggagngn ggnagngcan annncgcg gngcnggaga gggngcgcgt ngngcgtgag 1440
gggnaacg 1448

```

&lt;210&gt; 2506

&lt;211&gt; 673

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (673)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2506

```

tagctttaaa ccntntcgan tccgtgctgt cgggcgatgg gctcttagta tcggaggatt 60
ggagccatcn gattnttacc tgaaattcct tagtctctcc tgtgttgggg aaatggttaag 120
taagacagat ttcccaaca gagagcgtnt ctatctcttc tctactctc ccttttaaaa 180
tngagattct gacagtgtaa aggagttagg accccctttt ggggatcggg catggttttg 240
tggtcttaaa atgctttaaa attgctgaag tttcttggtt tggaactgna ntctcctaag 300
taacattnta tcatcgcacg tgaaatactg taactctcgg tgccaaatcc aggaataatg 360
ggcgggttagg agaagtccag ggaaagccga ctgagcangt tgtganggta ancaccctgt 420
taaagtncac aaaaatgtca ctntgcttct ctaactagga aaactgnagg acttttgaat 480
aaggngngat attagattta aaaattanat agncatccct ccaaaccnt tgntgttact 540
gngagtgca gactgtataa tattagaata gatgcgcgcg cgggtactagc tgagttaaca 600
ncagcacatg caacctnttc taaatcaaat actgagnggc tactngntca cctcgangga 660
gggatattctg acn 673

```

&lt;210&gt; 2507

&lt;211&gt; 772

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(772)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2507

nataaccttt	naacctncnn	antccttgct	gtcgcccaga	gactggctcc	cagtgagcta	60
agcccagccc	gcgacccttg	gatgttncca	gctgatttaa	tactcatgat	aaaccagta	120
ggtcagtgcc	agtattatga	gagaagtgga	ggcacagaa	gtcacatcca	cctcccaaaa	180
gtcaacagct	aggagtga	gagccaggat	tctgccaggc	aggttggcct	cagaggccac	240
acttcttctc	ccaataataa	aagtgaacaa	gaacaggatg	aagtttagagt	gagagagcga	300
gagtggtaac	actcatgcaa	tcagagaaca	agagaaagct	caatggaaac	atgtattcac	360
tgacaggatt	aaaacacaaa	acaacaaaaa	gagagacggc	cgggcgcggt	ggctcacgcc	420
tgtgggtccca	gcgctttggg	aggccaaggc	aggcagatcc	cctgagctca	ngagtttgag	480
accagcctgg	gcaacatggt	gaaaccctga	ctctactaga	gatacaaaga	ttagctgggc	540
atggtggggc	atgctttgta	ctcnggaagc	tnaagtggga	aggatcgctt	tgggaccccc	600
ggangcaaaa	gntgcanttg	agttcaaaat	cgcaccactg	gacttntaac	ctnggtgata	660
gaatgagaat	cctttntttt	nnaaaaaann	nnnnnnnnnn	nnnnnnnnna	aaaaaatctc	720
nngnggcct	ttttttttnn	tccccaantt	taaaaaactt	ttntngtttg	nc	772

&lt;210&gt; 2508

&lt;211&gt; 758

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(758)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2508

tnncctttan	accnngtgct	gcgggaagat	aggcantgcc	ntnttttcag	atgtacacnt	60
ccaccccccc	aatangaatg	gtttttanta	atnctntttc	ccttntttnc	anggettnct	120
ntgncngtan	ctattcttta	antantagga	ggggggaggg	tanttttagg	anttnctncc	180
nccancagaa	antaatggct	ggtggnntnc	ccnttaaaag	ggtccagtag	tatcattgtc	240
tgttgacat	atagatcagt	tttttcttct	aaatgctatt	caactctcta	ttattaacat	300
atatatgtat	gtgtatatat	atgtatgngg	tgtatatatt	attagaaaaa	ataatctatt	360
attcaactag	ataaaataag	aggtaagaga	taacatagta	gaactcaatt	atctactaaa	420
taaatattac	tcccattctc	tgtggaacac	ccaacaatat	tctcttcagg	gaagtgcac	480
tgactattgt	agaaagaaca	agttaatgtg	aaaaataatg	tttcaaggcc	ttattatttt	540
attttcttaa	agagtaatca	tagaggggga	agcataatac	ttcattacca	tgtctgtaga	600
ngaatggaag	agcctnttat	gccataaaga	aatacaaggc	attnctttgg	accnttagtc	660
atncttcaaa	agaagtggga	atgtgtctca	agntctgggt	ttatgaagaa	atcaccattt	720
ttgaaaaatn	tggggatgna	aaaatgcccc	cntaaaaan			758

&lt;210&gt; 2509

&lt;211&gt; 1581

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1581)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2509

cgttnnnnnn	nnntngaaaa	accccccttt	tttgggggna	aaaaannccc	cccccnnnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120



```

nnnnnnnnnn nnnnnnggnnn gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnt tttttnnnnnn 180
nnnnntttttt tttttttttt tttttnggnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 240
nnnnnnnnng gggnnnnnnnn gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 300
tttttttttt nnnnnnnnnnn ngnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 360
nnnnnnnnng nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 420
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnngnn nnnnnnnnnnn nnnnnnnnnnn 480
nnnnnnnnnn nnnnnnnngnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnng nnnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnnn nnnngnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnng 600
nnnnnnnnng nngnnnnnnnn nnnnnnnnnnn nnnngnnnnnn nnnnnnnnnnn ngnnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nngnnnnnnnn nnnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnngnnnn 900
nnnnnnnnnn nngnnnnnnnn nnnngnnnnnn nnnnnnnnnnn ngnnnnnnnnn nnnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nngnnngnnnn 1020
nnnnnnnnnn nnnnnnnnnnn nngnnnnnnnn nnnnnnnngnn nnnnnnnnnnn nnnnnnnngnn 1080
gngnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nngnnnnnnnn nnnnnnnnnnn 1140
nngngngnnnn nnnnnnnnnnn nnnnnnnnnnn gnnnnnnnnnn nnnnnnnnnnn gnnnnngnnnn 1200
nnnnnnnnnn nnnnnnnnnnn nnnnnngnnnn nnnnnnnnnnn nnnnnnnngnn nnnnnngnnnn 1260
nnnnnnnnnn nnnnnngggnn nnnnnnnnnnn nnnnnngggnn nnnngggnnnn nnnnnnnnnnn 1320
nnnnnnnnnn nngnnnnnnngn nnnngggnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnngn 1380
nnnnnnnnnn nnnngggnnnn nnnngggnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 1440
nnnnnnngnn nnnnnnnnnnn gnnnnnnnnnn nnnnnnnnnnn nnnnnnnngn nngngggnnnn 1500
nnnnnnnnnn nnnnnnnnnngn nnnnnnnnnng nnnnnnnnnnn nnnngnnnnnn ngnnnnnnnnn 1560
nnnnnnnnnn ngnnnnnnccg n 1581

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&lt;210&gt; 2510

&lt;211&gt; 786

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(786)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2510

```

nntttacacc tngtgctgtc ggccagggga ggtcaaggct gcagtggact gagattgcac 60
cactgcactc cagcctggat aacagagtnn aatcttgtct ttaaaaaaaa aagnatgact 120
cancagatgg aggancctcc catttgggtct ttcctttccg tttggtttgt cttccaaatc 180
tcctccagcc tgcctgnatat tcctcagcaa ctcaactcaa gcaccacct gatcctgtag 240
atgaaccctg cataactttc tccgtcaaca aacacctgag gatctgctgt gtccccagta 300
ctaggggtga ttataaaaca tatatgcagt ctctgcactc atgtttccca cagagaaagt 360
actcattcag caaagttttc taagtacctg taatgtgcaa ggcaactgtc cnagtctgaa 420
gtcatggaga ctgtcatggc cactgcccac agagcactta ccttatattg agggaggggg 480
cagaacttaa gctaataatt caatacttat ttgcttcata atcatnagct gctgngaggg 540
gaaaagtcac atgacaagtg acctagtgcg gangatgtaa cctgggtcta anggggatna 600
ttanaaangn tttccttaac gggagtttcg aaaaccagcc tggggccaac acgggnngaa 660
accccgttt ttnagttaaa ntccnaaaaa aaaaaaaa tttnccccgg gggggggggg 720
gnggnccccc tgaattccc aantccncca agaagggtta aggcaaagan naaatTTTTT 786
caantc

```

&lt;210&gt; 2511

&lt;211&gt; 1526

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (1526)  
 <223> n = A,T,C or G

<400> 2511

ccccncccc	ccccacaca	cncacacgga	ngnananngn	aaangaaagn	cannacnccn	60
annnnnacnn	angcngaanc	agcctcgaan	ncngaganga	aaganacaca	gnccagagac	120
gttagngnag	aagngnnntt	tacntttngc	gacaccgcac	acgcnnngn	cgngggnaag	180
acnncgcgca	cnacncgnc	tcnngcnaac	gcacgngncg	nagngnacgc	ggncgcgacga	240
cnngngcnacg	anggagcacg	anngaangac	ggaggacgnc	ngangacnnn	agannnnnacg	300
nnngngccgc	agcacnccnc	caccngcnnc	angaannacg	gnaccgcacg	acangacgcg	360
acgggnacac	agcanacnng	cggaacgcnc	ngagaacgna	acgncaenta	cngacganna	420
cnagccaagc	gacgangann	acnngnangc	ccancacgac	aggggngncg	cgaaaaggan	480
ancacaancn	cgnaaganng	ncccgaaacc	aaaaacgcgc	nnncggncgn	ngacgcgagg	540
nanncacggc	nnanggcgna	ngcnnnggaga	cgagcganag	ngnaaanaga	acngnaaaaa	600
aannnacgcg	cgngagcnan	gcaacagacn	gcgntaaan	agncgncgcg	cnngangcna	660
acggncgana	ccgacnnanc	agccgcngnc	gacncagcac	ngancccncc	agggcctccg	720
cgaccganac	anangnaaac	gannangaga	cgagacacat	acancgccga	gctacnccgc	780
ncanncgnc	anagaggccn	cangncncac	acnagcngag	atgccagcgc	cgnagccnnn	840
gcttcgagga	gagncgccgn	acgnngcngn	agagcaaggc	acgnagacan	angcngcgac	900
canagacgac	gcgcatacga	ngnanggagg	nccgagggna	ganggaaatn	nangagcaac	960
ncngncangg	gcgagggacg	caccggangg	caaanagang	angagnnacg	ncncnanann	1020
cgatnnnnn	nacncagan	nancgcaccn	ncgacanaca	taggacnngn	acnacngccc	1080
ngncncgagn	ncacagagaa	tgnaaccagc	gantagcang	naaaaacctc	aatgcaanac	1140
acgacacgcg	acgtngcgcg	cgaacaaacg	cgcgacaggn	cnacgaacga	ganaggagag	1200
aanancacgc	ganaccngga	gatgcggaac	gcgcagagac	gatcatacac	gnncggagggn	1260
ctngcaacgt	aaccgcacnc	gangnnnnncg	gcanncgnc	nananannng	ngcggntnna	1320
agnnncgnac	gcnnncngga	nccncggncg	cgtagnagacg	cgnaatnann	naangacncg	1380
cagganacan	ganacgcanc	acaanacaanc	agacgngagc	ncgcannaga	gcacaganac	1440
gnannagggg	nagaacaagg	agcgacacgn	agnganntaa	nggacanaan	acaangaacg	1500
tancgacgcn	aggnnnaggn	nnnccg				1526

<210> 2512  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (864)  
 <223> n = A,T,C or G

<400> 2512

ntantccttt	cgaantccgt	tgctgtcggc	ccgctctctg	taaagtgttt	gcttgtgcca	60
aaagggaaat	aagtggccgt	gggagggttg	tggtggttnt	ccntgggcan	tccgggancc	120
gaaggccgaa	ctggtccctg	gcgtngggta	agccccttcg	gcccggggga	ngtgganggg	180
cccaccaacc	caaangtcaa	gtttcccttt	cccaccctgg	tggttttctt	ggtttccggn	240
tttttttttt	cctttttttt	cctaataata	tatttttggg	ngggaattct	attttatatt	300
naattctctt	tttctcctcc	aaacacaatg	gcactgctta	tctccgaaat	ggngtgatcg	360
tntcctcatt	gagcaacggn	tgccaccgcc	ctgtgggtag	tggtgtgaccg	tggctgtact	420
gtatagtga	catagtggc	atatctttgt	ttgaagtttg	ttggtgactc	cccaaactgg	480
tgtgaaaaaa	gaaaaaagct	caaaaaatc	cncaaaaaaga	caaaacnnc	aaaaaaatcc	540
tgcttatatt	ttactcagtt	tcaaacctta	ttaagtctat	ttttaattat	aaaaccaga	600
aagctacaat	tttcttttnt	ttccccctca	cccccccccc	acccatttgg	tgggcttttt	660
tggtttttta	aatggccana	aactgttgga	ggtnngggtt	tttttggggt	ttgggntttt	720

tgggtttttg	ggttttgggn	ttttttaccc	ngaaaaaaan	gnaaggggcc	caaggggatt	780
aaangggggg	gaaacccggg	ccccctnggg	gggcncccc	ncaaaactta	aaggggcagn	840
aaaacttncc	ccttacccctn	gggg				864

&lt;210&gt; 2513

&lt;211&gt; 1484

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1484)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2513

ccnncngcgn	cnatgccanc	nnagnaanan	nncnatangg	gncnnganaa	ggaggncgcg	60
ggncgacggn	nnnggcgngn	canngnatnn	nnnnnnnnag	aatnaccgng	ccttccaann	120
ccngctgnan	aaagcaaccn	ngngcccccc	annacnnggg	nggngggggg	ggggggnttt	180
ttcccttttn	ancncacnnn	nccngcgaag	nggnnggggg	ggangtanaa	aggnaacngac	240
aactatnggn	ngcgattggt	angaggaana	gnngcnnnng	gnncngggag	nnnggcggcg	300
agagcngcgg	nagggnagnc	gcgcgnaagn	gnngacgang	nanggaaggn	aggagggaag	360
gcacgnacgg	gaggacgngc	gngngngagg	tacggaacgc	nacgtggcgn	ggcgncgcan	420
ngggatggnn	tnngaaggn	aagntangga	anggananga	agggatnnga	tggaggngnc	480
gngcacggnn	agagagangt	cgnnnacgga	aaagacncgt	aacgagggac	acgganaggn	540
gacngnnnnn	nagggntcgg	aaaggnaang	aacgnncanc	acgnnnacgn	aanngaagcg	600
nagggaaacgt	gaagggacgg	gcanggnagt	nagnnggaag	gagacggaga	cgaangcacg	660
nacnngcggn	ggancggnag	gntaacgtan	cgcacgtana	tggnggggan	gnaagtgtta	720
ggnaaaggcn	ggcgagtata	ngagnggna	gggtgaggan	cganaggtag	gnaangtag	780
nacggcnggg	nnngngngcn	nngangntat	gacgcggngg	aagngangca	ncnaagncnn	840
gnnanggaan	ganggagnga	agggacngcg	gcnaengcgg	caaggnnnca	cnaggngcgg	900
aggtacngna	gngngantgc	nacgnagtgt	acggatgacn	gnnngggangn	agtgggaaggn	960
aggnaaggagg	cnaggcngtg	agagggaaag	gagcacngng	ggtnggaang	gngcgganga	1020
aggctngcan	ggangngagc	gtaggcnngc	aanggagggc	cggacgcaag	cgcangaatn	1080
gnngagganc	ntgcgtgcc	ctgngnngcg	cgtangggag	agngatgnac	ggnagnaaan	1140
gtnngcaggg	aaaggncacg	aatggncagc	atggnatgaa	angagcggnan	ncgagngcag	1200
cannggnncg	atgcgnnccg	ancgacgaga	nngagnctgc	gnagcgnggn	ncggngggagg	1260
ngnggngnga	gagnagggaa	ggnatggng	gaangnangg	tacgacangn	acggaggcac	1320
ggtgcgatag	gacggntngg	acngaacggt	acgantgcag	ggcgggtgng	gacgnctgag	1380
cgaagggatc	gcngtagncg	angcacngac	ancangcggg	ggagngacgg	ntnnantnag	1440
ngangcacgg	gacgatngna	ggaagganac	gacgcgagg	cccc		1484

&lt;210&gt; 2514

&lt;211&gt; 768

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (768)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2514

tctcnntcga	ntccgtgctg	tcggaaaatt	gggactgagc	tagagaaaaga	agggatctta	60
aaaccttgct	agagaaaagag	acctgattcc	atcttcaaga	catttgaac	caaagacatt	120
tgaactggaa	ctaaaagggt	caactcagat	aaactcctag	ttagattgaa	gagatatatt	180
cttactctta	ctcttggcag	gaaacaaagc	acttctctctg	ggagaaaata	tttctctctt	240

```

tagtatcctt ttatattcaa tgttttagcaa aaataaaaaat tttgagagac ttgaggagag 300
gaaaaatggga tccgtaaatca agagaaacaa tagtgtaaata aaactcatca ataaccacaga 360
tgtttgaatt aacagacaaa aaaaaaactt atgttaaaga atttagaaga aaagatgggtc 420
aaaactggta agaaggtagc aaatttcagc agagaaatgg aaactaaaaa actaaatgaa 480
aattctagaa caaaaagtct atgaagaatt aattgggttg acttattgga gtcagggtcag 540
taaaaaataat atgcaaacag aagcncggaa gtagaatgag aaaagagcct cagagacctg 600
tggggcacat taaatggtct aacatgcctg tgactggaat ctcagganaa aanaaatggg 660
gccaaaacaa aatctggnnn nnnaaaannnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnt natttngggg nggggttttt tttaaann 768

```

<210> 2515  
 <211> 759  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(759)  
 <223> n = A,T,C or G

```

<400> 2515
tctctnccg ccaggatttt ccagtcaaaa gcatattcga gggactaaaa ggacatcaag 60
agggatactt cagtcaaatg ataatcagct atgaaaaaat accttctttac agaaaaagta 120
aatctcttac tccacatcaa agaattcata atacagagaa atcctatgtt tgtaagggaat 180
gtgggaaggc ttgcagtcac ggctcaaac ttgttcaaca tgagagaact catacagctg 240
aaaaacactt tgaatgtaaa gaatgtggga agaattattt aagtgcctat caactcaatg 300
tgcacagagc atttcatact ggtgagaaac cctatgagtg taagggaatgt gggaagacct 360
ttagctgggg atcaagcctt gttaaacatg agagaattca cactggtgag aaaccctatg 420
aatgtaaaga atgtgggaag gccttttagtc gtggctatca ccttaccctaa catcagaaaa 480
ttcatattgg tgtgaaatct tataaatgta aggaatgtgg gaaggccttt tttggggctc 540
aagccttgct aaacatgaga taattcatac aggtgagaaa ccttataaat gtaaagaatg 600
tggaangcc ttccagtcgtg gctatcaact tactcagcat cagaaaatnc atacttggtg 660
agaaaccctt atgaatgtna aatattgttg gnaangcctt ttgtttgggg ctttcaacnt 720
tactcgacat cagatntttc attnctgggn gagaaancc 759

```

<210> 2516  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

```

<400> 2516
tgtannnagc ncttgggatg cnatgaaatt cagtataaaa ttgaatagaa gtaatgttaa 60
tggataatct tgtcttattc ctgggtctcnt agaggaagtt tttaaatatt taatatgaaa 120
tacattgttt gattgggttt atttgcaaaa atcctttatc agatttatta agttcccttt 180
gttttttaat ttattatgtt ttttaaaaaa catgaatagg cattgaattt atcacatatt 240
ttctgttatt gaatggataa tatggatttt tctcctttta ttaatagcat gcattatatt 300
ggntgatatt ttaatgataa accaatcttg cattcttggg ataaactcag gttgcttatg 360
atgtataatc cttctttata tcattagact tagtttccta acattttctt tacagttttt 420
aaatatatgt ttatgataga aacgccgttt ctacagaaaa aaataattat ttttaaaggg 480
ataagttatt ggggtctagc ttagtacctg aatgatgaaa taatcggtcc acaaaccctt 540
gtgacatgag ttgctgttat aacaaacctg cccatgtccc ctgaacttaa aaggtaagaa 600

```

gccacacacn ccncacaga tgccccaccc cacacacgcc caaagaaatt ggcttttaac	660
ttccattct tataagctct ancngagttg gcatcaaggc tatnctggct ttatatagaa	720
ggtaanaaag gggacttttn tttatt	746

&lt;210&gt; 2517

&lt;211&gt; 727

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(727)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2517

ttactttncg antttcggtg ctgtcgcgca gaccatggca gcccgcgccga cggttcgctc	60
ttcgacaacc ccaggacggt ctccagacgt cccccagccc aggcgagtcg gcaagcaaag	120
gctacgaaaa gaaaatacca agcgtccagt gaggtcctcc cagcgaaacg gaggaacgaa	180
acttcatttc tcccagccaa gaaaactagt gttaaagaaa ctccagaggac ttttaagggg	240
aacgcacaaaa aaatgttttc tccaaagaag cattcggtta gcacaagtga tagaaaccag	300
gaggagagac agtgcattaa gacttcatca ctgtttaaaa acaaccctga cattccagaa	360
ctccacagac ctgtggtaaa gcagggtgcaa gaaaaagtgt ttacttcagc tgcttttcat	420
gagctggggc tccacccaca tttaatttcc acaataaata ccggtcctaa aaatgtctag	480
tatgaccagt gttcagaagc aaagtattcc tgtgttgctg gaangcagan atgctctcgt	540
gagatcccag acnggctcag gtaaaactct tgccatttgc atcctgtggg ccagtccttc	600
aacatggatc aaaaatcang tttactgtat cacatttaca aganacagag cttaggaagt	660
aataccaagc ntgccagta tggaggactg gttntnctag tctgttgntg anaacaactc	720
ttnttttn	727

&lt;210&gt; 2518

&lt;211&gt; 1451

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1451)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2518

acnancngcg gnngcngggg cngnnnnnnn ngncnnancn annncannnc gcgncggcgg	60
agcggcacgn gggccgcang gccgngngng nnnnagcgac gccnagncgg aannacnnnn	120
nnnnnnnnnn nnggtcgcng nccgngnncc ccgnntcgaa nnncgngang acgggcgcagc	180
ncgcctnggc cccccgcgcc gcgagggggc gggggggggg tttttncagg ngncncngng	240
ccnngngggg ngnnncgggg gangcnggg angcnangnn gagcggggac ancagggnag	300
gcnagngcg gggcggaacgn ggcnnccggn gncgnnccng anncgnaggg gngnngggga	360
caacncnccc cgnngggggn ancnccgggg cgcggnnanc cacgnanncg ncaggngggg	420
cgccccgggg cngnggccng ngggnnnggg ncgcnngng gagcggggcga angcggngcg	480
cccgnncggc nccgggcgag nccccnccg gncccccg gnagcgcgnc gccnancncg	540
nccgacgagc ggnccgncgn angnacncgc gngcagnngn gacganaacc cngngcggcn	600
cncaggcggc gccgcggcnc ccgggcgag cgggngnngc ccggacnncg gcanggagcg	660
cngcgcncgg nannncnnn gacggggcg cgcgcnggc gngnagcnan acncngngtn	720
ggcaangcgc gcgngngncc gcncaagang gcgcncagnn gngcgcgncg ganngcggcg	780
ngcagggacg gacgcgncag cncggcgag cngtncnca cccncggcgc ggggngcgcg	840
cacgngncta gaacgcacnc gngggacggg gngggngcgc cnacggncgc cccgtnncca	900
cgcacnnccc gccgancnna ccggcngngg cncgncgcag nanangngnn gccgcgangan	960

acagggggag	angacggcgg	ccgnaaggg	cntnncngag	gacganngca	cacgcacggg	1020
anagggangn	gcgnngcgn	ggngnggng	cnnngggngg	nacnccgcgc	ccgnaanangg	1080
gaagngcggn	cccgcgcga	ggctnancga	cgnnncgngg	ggngngntcg	acgcgcgggg	1140
gnggcatngg	nccgcgnnat	ngaagcncgn	gnnagcgccg	cccagggcna	cgggnganggg	1200
naacngncgn	gggcaacgaa	tgngngcgg	gaannggcna	cgnacnctg	tgcgcnagcg	1260
ngngccgcc	ncnagcntna	gccgggggac	gngacnnagg	gcacgggnga	cccgggacan	1320
tnangaagng	ncgcnggncg	gncagggcacn	ggngngcgcg	gnggncgaag	nnngngcgaag	1380
nggnacggac	gngcgaggga	cangggctcg	cggnaaagnn	gggnagcggn	cggnncggg	1440
cgngggcncc	g					1451

&lt;210&gt; 2519

&lt;211&gt; 1459

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1459)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2519

cggnnnngng	ggnnnggngg	gnnggggnnn	nnngnggngg	ggggnggggg	ggnnnnnggn	60
nnnnngnnnn	ggnnngngnn	nnngngngnn	nnngnnnnng	gnnnnnngnn	cgggngggng	120
ngnnngnncn	ngngngngnn	ggggngngng	gngngngngn	ngnnnnngcn	ngngngngnn	180
nggnnggngg	gngcngngnn	nnnnngggnn	gnnnnnnnnn	nnnnngggcg	nttgaaccct	240
ttgggnaacn	cccnnnnnnn	ccnnggtggg	gcncngngng	ccggcncccn	ccgagntngn	300
nnnggggggg	gggggggggg	nnntttttng	ttncgggcnn	ccggncnncn	nggggggnnt	360
gggggcnngg	gggnnggggg	gggncttttt	ncctnnnggn	gggnnggggg	ggngngcggc	420
nggcggagg	gcgggncgan	gacggctgtg	gnggggngng	ngctngnggg	cgagngngtn	480
ngggnggggg	ngngngcngg	acggcggtcg	ggcnggncna	gggggggggg	ngnggannng	540
nggncgtcnn	ggcgntnnnn	ggggggnggg	ggggnggggt	cnctcgangg	cnngcggggg	600
ngntgcncgg	gggctggncg	ggggnggntg	ggggggggcn	ggcgngnggn	nggagngggg	660
ggtntnnggc	cggggggggg	ggngnanggg	ncgntcnncn	gnnggggncg	angggnga	720
gntggngggg	gnnccgngng	nnnnngggnn	nggggggggg	ngnggggngg	nanacnggga	780
nnngngcacn	gggggggcn	nnccgngnnc	gcgggggtag	aggggtncgg	nnacgggggg	840
ggngggangn	gtgggggngc	agcnnncggn	gngtngngng	cgccgcnngg	ggcnnnnngg	900
ngnggggggg	ncggacncgn	cggcggcgaa	ngngnggggg	agatgngngg	gtgncggncn	960
ggggngggnc	ggcgnnnnng	ngngngngcc	cccnngggng	ngngngggga	ggtgagcgaa	1020
angtgggggn	cgctgggggg	ngcnnatacg	gggggggggg	gggggggggn	gggggggggn	1080
ntgngggggc	nnccgncngg	gnggggngng	gggggncggn	cnngggngng	cgggggngng	1140
nnngacnggg	gngctnggga	gggggggngg	gcnnngggng	ggnnngtagg	gnncgggggtg	1200
cgnagnagg	gcgncgngng	ctagggggng	ncgnnaaggg	ggcgggggag	ngacngngag	1260
ggatgngggg	ggggnggngn	gnggngnggc	ggacngnggg	gngccnggga	ggagcggaca	1320
taggnaaggg	ggggacgtng	cgcggnagng	ntgggncggg	ggnggtggg	aacngggggg	1380
cgncnccgg	tggggggggg	ganggctcgg	ngngacgtgc	gggatgcggg	cgcnngganca	1440
acngngnggg	tgcnngnccg					1459

&lt;210&gt; 2520

&lt;211&gt; 757

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(757)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2520

```

agntntntcgc accntntcga ntccgngctg tcgnnnntgt gnangetacc tgtnggaacn      60
tgnncaatgn ncanncnac atgngtnggn tgnctaccgc acaggaaatg acnttctnecg      120
atgcatgntt nanccatgcg cgggtgattc tgctagattt ccctacctta tggctgaaaa      180
acttggcatt catcccagca gctgccatgg atggattttg ggggaacatg gcgactcaag      240
tgtggctgtg tggagtgggt tgaatgtggc aggtgtttct ctccaggaat tgaatccaga      300
aatgggaact gacaatgata gtgaaaattg gaaggaaagt cataagatgg tgggtgaaag      360
tgcctatgaa gtcatacagc taaaaggata taccaactgg gctattggat taaagtgtgg      420
cttgatctta ttgaatccat gttgaaaaat ctatccagga ttcatcccggt gtcaacaatg      480
gtaaagggga tgtatggcat tgagaatgaa gtcttcctga ccttccatgt atnctcaatg      540
cccggggatt aaccagccgt tatcaaccag aagctaaagg atgatgangt tgctcaactc      600
aagaaaaagt cagataccct gtgggacatn cagaaggacc taaaaaacct gtgactaagt      660
gagctctagc ttgtgaaat ttaaaaacta caatgtgatt aactcgagcc tttaattttc      720
atccatgtac atggatcaca gttgnttttg atctttt      757

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&lt;210&gt; 2521

&lt;211&gt; 1178

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1178)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2521

```

nnnnnnnnnn nngnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      60
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      120
acnccccnttt tttgggaaac cccccnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      180
nnnnnnntnn nngnngngngn ngncgngngng ggtttttnnnn nntttttttt tttttnnnnn      240
nnnnnnngnn gnnnnnnngg ngggnnnggn ttnggggnnn nnnnnnnnt ttttttnnn      300
gnnnnnnnnn nngnnnnnnnn nnnnnnnngnn nngnngnnnn nnnnnnnnan nngnngnnnn      360
nnnnnnnnnagn nngnngngga nggngnnnnn nngnngngng nnnnnngnnc gnnnnnnnnnn      420
gnnnnnnngng ngnnnnnnng nnnngngngnn nngngngnnng nngnnnnngg nnnnnngnnnn      480
nngcggngagn nngnngngnn nnnnnnnnnn nngngnnnnn nngnnnnnnn nngnngngnn      540
nnnnnnnnnga ngngnnnnng nncngnnnnn gangggngngn gnnngagann gcannnnnnna      600
ngannngnnnn nnnnnngnnnn gannngnggg nnnnnngngn nnnnnnnnnng nanannnnnn      660
nnnnnnngnga nnnngnnnnn nnnnnnnngn ngngnaagn nnnnnnnnnnc nnnnnnnnnnn      720
gnnnagannng nnnnnnnngnc ngngnnnnnn nnnngnnnnn nannnnnnngn ngngannngg      780
nngcnnnnng gnnnnnnngn nngnnnnnnn nngnngngtg ngnnngngnn gnnnnnnnnnn      840
nnnnnnnnngn nnannnnagn gangngngnn nngngnnngn nnnngngann ngagnnanna      900
nncnngnana gcnnnnngnn ngnnnnnnnn gngnnnnnnn nnnngnnnnn ncnnnnnnnn      960
nnnnnnnnann gnggngnnnn ngggnnnngn nngnngngnn gnnnnngngn nnnnnangnn      1020
annnnnnnnnn nnannnnnnnn nnnnnnnncn nnnngngnna gannngggnnn gnnnnnnngnn      1080
annnnngnna nnnnnnnann nnnnnnnngg nngngnnngg angnggtnnn nnangnnnnnc      1140
nnnnnnngcnn gngnnngnnn ntcagnnnnn nnnncnecg      1178

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&lt;210&gt; 2522

&lt;211&gt; 813

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(813)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2522

atntnttacc	cctttcgant	ccgttgctgt	cggtttatat	ccaggatccg	tgcttttcca	60
ccgggtgttg	tgggccccaga	ggcagcccaa	ngagtgggtg	tcttctgtcc	agatgagcct	120
tggtgcccag	aatggaaaag	aaatcaggca	tcggcctaag	aggaactgaa	agcaccacca	180
actctttcca	gggccctcat	tttgaataga	attctctctg	ggtggcagca	gactcagctc	240
tgggacattt	tgctccacc	tggaccttgg	aggctgacag	tggggagggc	tgggcctaga	300
ggaagagcag	aaatggggaa	tatttgggaag	cggaggctgc	tggacacaga	gacctcctgt	360
tgggggtagt	acgtggagac	agaaccctgc	ttctgggcat	cctggggtag	tactcacagg	420
ggcagggggc	ccangcatct	tgccagagcc	aaaaataatg	agccaangct	cacatccctg	480
cagttggctt	ctcaatcacc	gttcagtacc	ttctatgacc	cccaagtaca	aggtggncct	540
taaccatttg	tcaaatgcat	tnactnttc	ttcctttttc	ccaatttcta	aangggttct	600
ttgggaagtt	ccatcttgaa	cctgtggttt	tcaactttgg	aaccgaaaat	gttttaagga	660
aatttngggc	caaggaaaaa	aactacttcc	nttcattggg	taagcccttt	gaatgggaaa	720
gggttttttc	ttgaaaccaa	gtngatttta	aaaatcccca	ttggggggng	gggtttcccc	780
aaaaaaaccc	ttncnttttt	natttaaacc	ttt			813

&lt;210&gt; 2523

&lt;211&gt; 1619

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (1619)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2523

cncccccac	ccncccgac	ccnncacna	ngggannann	nnaannnnnn	nnncnncngn	60
ngnnnnncgn	naannnnncn	aacnangnaa	ccgnnnnancn	ngnnnnnnnn	cnnnnnagnan	120
aggnaanagg	aggangccgg	ncngcanncn	cgnnnnccng	nagcgcngcg	cagccggacn	180
ngngaggnnc	cnngcgnngc	ggaanccacn	gcgcnangcg	ganccgnacnn	gngnngaacn	240
caccnncnnc	nnncnncnnc	tcgggatacn	ggaaaaccct	ttngngaaaa	ancccnccca	300
ngnnngacac	aagaagnenc	acaccangac	ccccnncccc	ancngcngcn	ancagcngn	360
gngggccaat	tcnaccctnt	cncnaagag	cncaacgncg	ccagnncnca	acnggcncag	420
naccnngnag	gancaannac	ganaaaaang	nacgcccngc	acagcanncg	nacgnnnac	480
gcncnngnec	accncccgcn	ggggnnggan	annccacgnc	gcgacgnaag	ccgncgcgca	540
cggcacnacg	accgcnccca	cgncccgacg	naggcggaag	cacgcgcgcc	gngangacan	600
ncngnagnng	cgnngcngag	cgcanacggn	acncnangca	naccngancn	gagcacnacg	660
cggcncaccc	nncccgagn	nncaaaaacn	nnccacnagg	ancncgcnan	cccgcgcnc	720
cnegcnccga	cgncgcanng	nagnacnccg	cgaccaagcg	nccgcngcga	ngaacgnnag	780
caacgaangc	ggcgcnngcg	nnccgcnnga	ncnaacggac	gcacgcgcna	cagcngcgng	840
nagacggacc	nggngacac	cncagnncgc	ncncgagacn	ncgcnngcc	ggcgaacgac	900
cncgcccggg	nggggcacgc	cacaacgngc	gcncnncacg	ccnggcncna	nnnannnaag	960
caggaccgca	gagaacgnaa	cgncagacac	gacanacanc	gagggngacc	acgcacagcc	1020
gngcancnna	gcnacngngc	gncaancaca	cgcgagcgnn	cgncgcgagg	cnacgctngn	1080
gnacngaach	aaacgggacc	gcggggacgn	cannacacga	nnncgcacgc	gngcngcgac	1140
ncggcnccgg	angcgagaca	acgaaagcgn	cgnnanngca	acncnacgcn	cccaaagcac	1200
acgnaanggc	ncaggagngg	ccnanaaann	ganacctgcg	cacgngngcg	caccgagacg	1260
agcacgcgag	acggccngcn	gagggnaagc	gagacgcca	caggcgcgcc	gacgagcggn	1320
ccncagnccg	aaccgnagna	acccggggac	gnncgncgnc	gcgangcgca	cgcnnnaccg	1380
agacgcaccg	aancacaccg	acgacgcac	gcgnagccaa	aacganaagg	gngggcnacc	1440
ggacaggnaa	nggancgaac	agcnacgcca	ccgnacgnaa	cgcaccgcac	gggcaggcnc	1500
gggacganac	annnnaangn	agncanncg	gcgacgggaa	acgncgcgt	acgcagnngn	1560
aaancggnan	cgcacngcgn	ccgggnacac	gncccgcaac	gnanacggac	gngncgcn	1619

&lt;210&gt; 2524



<211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 2524

nttttacnt	cgnttcganc	cggtgctgtc	gaatctgtaa	acctttatga	cattaggaac	60
taagaaaact	tagtcccttc	gttaggggga	taatgaaatg	tatttagtgt	ttgtgaaaca	120
tagatgggta	tgtatttggg	acaattctgt	aactttgctt	tttttatttt	tatttttcca	180
tagcttattg	gggaacaggg	tggtgtttgg	gttacatgat	taaagttcct	tagtgggtga	240
tttgtgggat	tttgtgggac	ccatcaccca	agcagtgtac	actgcacct	atttgtaatc	300
ttttatccct	cgccccctc	ccaccatgcc	tcccgctctac	catgatgac	ctgttttaaa	360
taagaaaata	ccatttcgca	ggctccagat	gttctggcat	cctccctgtg	gatttcccag	420
tgcttgagc	tcacaggaca	acaggggctg	tggtagagtc	acctatgaga	tcctggagta	480
gtggatggag	gagatggaac	agtgaagacg	gaaactgagc	tcagtatccg	gggtgccagga	540
gacaaaggcc	ctttgctttt	tttcatttaa	tattctgac	taccctgtt	gacacatgtt	600
aaagtatagt	cattttgact	gctatgtatt	atgttccatt	ggggggaaca	tactggaatt	660
gtcacttcaa	tctatactgg	atctcctggg	tgtattttaa	aggtttngtt	tttttaagta	720
gttgggtatt	tccaactnaa	acctcaaaaa	actttt			756

<210> 2525  
 <211> 740  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(740)  
 <223> n = A,T,C or G

<400> 2525

tntntnccgc	tntcgcatn	ccgttgctgt	cggagaaacc	aaacaggtaa	aagcaagtgg	60
tgaagccaca	tggattaatg	agatgataga	aagtacaaaa	tcactatgta	agtcagatta	120
aaaagccagc	ttgcactctc	tgctttcatc	tttttgaagc	aataactatt	acataaatca	180
gtgaatacag	tatttctaca	gtatttgaaa	cggtgttcac	acccagcaat	tccacttcta	240
gacatatatc	caagagaatg	gaaaacatgt	gcacacaggc	acttgtaac	gaatatttat	300
ggaagcatta	ttcacaatag	ccaaaaagtg	gaaacagtcc	aaatggccat	caagatgaat	360
gaataaataa	aatgtagtgt	gtgcatgcag	tggaatatta	tttgcccata	aaaagaaatg	420
aagcactgat	gcaggctgca	acatggatga	acttgaaaagc	tttatgctac	gtgaaagaag	480
ccagtcataa	aaggtcacct	actgttatcc	ctttcatagg	aaatatccag	ataggcaagt	540
ccatagagac	agagaggaga	ggagtgggtg	ccaggggctg	ggcaaggaga	atgagagtga	600
ccgctatggg	tgtggcattt	ctttgtgagg	naatgaaaat	gtctgtttag	atagtgggtga	660
tcattgcaca	ctctgtgatg	tctaaaaatca	ttgattgtca	cttgaagaat	atttagttgt	720
attatttctag	ttaaaaaat					740

<210> 2526  
 <211> 722  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

&lt;222&gt; (1)...(722)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2526

gagggctatg	tccatgcggn	cctcaaacna	cgtaacatat	tgtggagtgc	agagaatgaa	60
tgttttaaac	tcattgactt	tggaacttanc	ttcaaagaag	gcaatcagga	tgtaaagtat	120
attcagacag	acgggtatcg	ggctccagaa	cagaattgca	aaattgcttg	gcccangctg	180
gcctgcagag	tgatacagaa	tgtacctcag	ctgttgatct	gtggagccta	ggaatcattt	240
tactggaaat	gttctcagga	atgaaactga	aacatacagt	cagatctcag	gaatggaagg	300
caaacagttt	ctgctattat	ttgatcacat	atgtgccagt	aaaagcaant	ggtgaatgcc	360
gcaattccag	cctatcacct	aanagacctt	atcaaaagca	tgcttcatga	tgatcccaag	420
caggaagaat	ttctnctgaa	atggcattgg	tgcancccat	tctttagcna	ttccttttgc	480
ccctcatatt	gaagatctgn	tcattgctttc	cactccagt	gctaagactg	ctgaatgtgc	540
tggngtgatg	attatcttga	gaatgaaaga	aggattatga	agatgttgtt	gaagatgnta	600
aaagaagaag	tggcaaaaat	nttggaccag	ngggattctn	tacttggtnc	caaaaggaaa	660
aatccttggc	annaaggana	angtctttgg	ttgagtattg	ccaaatgctg	gnngatttcc	720
ct						722

&lt;210&gt; 2527

&lt;211&gt; 1163

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1163)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2527

gggnnggggn	nnggnnggggn	annnnggnnn	caannanang	ngnnnnnnna	nnnnnnangg	60
naanggnngg	ggnggggnaa	ngaaaannnn	nnngcnnaan	ccnnaggggg	gagaagnann	120
nnnnnanggg	nannaaannc	gncnggancn	ggnanggnna	aannnnngaan	ggngngngng	180
annnccgana	aggncnacgg	annggganag	ggnnnnnggan	nnnnnncaan	nngangggag	240
anncgnnnna	anccannnnn	nnnngnnnnn	tcgnnancn	naaagccctt	tnccgggnaaa	300
gnncnggggg	gggggancan	ggganggacg	gaccgcngca	cagaggccac	caccanacnc	360
gaccnngagg	ggaggggaagg	ggacgccnnt	nnnttccan	gcnggaagag	gancgcgncg	420
canngggggg	gggaggggga	nanaggngcn	nggnnagcnc	acngnnagac	ggngcnngng	480
ggagggacgc	aggagacac	ngncgagana	gncaggcgcg	cagagcnagg	aagcgcnccg	540
gggggggagc	aggcgaaanag	gcagcnnaag	ggnccatcgg	agagnggncg	ccaggcgacn	600
ncggcgcneg	gcnnagnncn	nnngnangana	nagccganga	ncggnncccc	ncancgncga	660
gcacaggngg	agcggggcgan	ngngngngaa	cgngcgnggg	cacgggggcn	cagganangg	720
agggaccgca	ngaccangnn	agagcnnggn	ggcagggggg	cnngganaan	cacnggnaaa	780
gncccgccgg	gaaggggnanc	cnccggnggg	nnccnccnnn	nccngngngg	ggggngcnnn	840
ggcnngggng	ncgncnncgg	gnncgccnnn	nngcacggac	cgccacacgn	ggacgagagg	900
gcnaagcggg	gccgnaggng	ccgngnngcc	annaagacag	agcgncggga	nganangggac	960
ancgggagag	naggggagng	gnncgcncac	gngcgnggac	ggnggagnga	gacggggagn	1020
ngncnannca	nagcngaagg	ggngcgggnc	gannggggnn	acnccggnga	ngagnaancn	1080
nnngggcgnc	nnncgcnngg	aaannnggga	gnaccgngna	ggcanangan	cgnannnnnaa	1140
gaaaggngaa	nanaccccc	ncc				1163

&lt;210&gt; 2528

&lt;211&gt; 1347

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(1347)  
 <223> n = A,T,C or G

<400> 2528

nnngnnanan	nnnnnnnnnn	aaanngnnnn	nnnnnnnnngn	nnnnnnnnnn	nnannnnnnnn	60
nnnnnnngcn	nnnnnnnnnn	nnnnnnnnnn	nannngggnnn	nnnnncnnnn	cnnnnnnngnn	120
nnnngnnngn	nnagnnncng	nnnannngna	nnnnnnngn	ganngggnnn	ngnnnnnnnn	180
nnnncgnnng	nnannnnann	gcannanan	nnnnnnnnnn	nnngnnnnnn	nnntccntaa	240
tcctnnaaaa	accctttttt	ggggaaaaaa	nccccnnna	nnnnnnnnng	nnnngnnagg	300
gaancnncnn	ngcncgcnnn	ttntntnnnn	nnngnggcgc	nnatnnannn	gcgnnnnatn	360
nccncttttt	ttttttttcn	nnnccgngnn	nnngannann	aggaggagg	nnngtttag	420
agnngngcnn	annagaaacn	ttttnnacna	nnccganncn	cgnacgngcn	gngnaaanann	480
gngngacnng	acngncnaga	nnngcngana	ngacncggan	gacagnnacn	cannnnnggan	540
gnnccngacng	nnccnagnag	agancngcga	gggacaagcn	ggggcgcgga	nnanangcga	600
cggnnnnnagc	nccancana	cnancgngnn	nnngcagnaa	nnngnncgaga	cgnnagagan	660
aagagngacn	gagcnnngtc	annccggcga	ngnnngnacnn	ggngnggna	ggcgcgacgc	720
gagnangaga	nnncgaanga	cganggnnnn	nnngcagggn	ggagacnacg	nannnnnnnag	780
nnnagcnggc	angaannagg	nnccnganna	ngaaggaaac	ggcgagnann	nnaccgancg	840
annaangann	ganacngngc	nnngcaagna	nggtngnana	ngnnnnngga	nggcangcan	900
ggnnangnaa	nnngannnga	nnccnaaggc	nnngcngann	annngcangc	acnnngnacng	960
nnangacaaa	nganancgna	agggaaacgg	ggagcggnaa	gcggnaaacna	agcgcgnggn	1020
ngcacaangn	cnnnggcggn	gcannangga	cngngnccggn	acnagnnnng	acngngaang	1080
cangacnaac	gngnnnggaa	agggnggagn	annnnnanggc	aacgnnnnng	gnnccgnnnag	1140
ncanggnanc	ggaacnggaa	ngnanangna	gggcaanana	cgcgnaancn	angnnncgca	1200
cggcnacgca	ncgnnngcnn	annnnngcgn	ccnnnggaac	gnangnanac	gcaaanancg	1260
nnggggancg	angntnccgac	ngngnagnca	gnangnagg	acngannnat	ggannngann	1320
acgganggan	ngaancncag	acngngcg				1347

<210> 2529  
 <211> 1126  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1126)  
 <223> n = A,T,C or G

<400> 2529

gnnccgnggn	ngngngnnng	gnggggngg	nnngngnnng	nnnnngnnng	ngnnnagggg	60
nnngnnnggna	nnnnnnngnn	nnngcgnggg	nggnnnnggn	nnannnccg	ggggnnngtn	120
nnngggcngga	nggnnnngng	gngggngnag	gngcngnnng	nnngnnngnn	nnnnnnnnnn	180
nnngnatntg	ntttttngga	ccttggggna	gncnggcngn	gnggggcngg	agnggcgtng	240
ggngggcgnnn	gncnnngggg	gggcngggg	nactttntn	gggttttag	gcngccgcng	300
gnnccgnggg	gggggagngc	nagggnggng	ggngcggtgg	gngggngtag	ccgngggnga	360
gagggnggag	cgggnagggn	ggngnggggn	ngcgagaggc	aaccggtga	agacgaggca	420
ggggantggc	ngnggncgcg	ngnnnggcgc	ngcgcgcnt	gtcngggggg	aggggngngn	480
nggcagggng	gcgcggggg	ggggcgggg	nnggggangn	gngggangaa	ggcncggggg	540
gggncgagct	tganngggcg	gngngggaat	ggcgnnctgg	ggaggccggn	gttgnnggag	600
cgnnccgggg	gaggggggag	ctgngagggg	ggggcggang	cggcgnggan	nggagngngg	660
gngggggggn	ntnccangan	gggagggcgg	ggangaggnc	gntagaang	gnatngccgg	720
gtggggcagg	ggnggganga	ngggngtcgg	gtnaggnggg	tggggggggg	aggngngggg	780
gnncnccngg	ntggagggg	ngnnnnnnnn	gagggngggg	ngacnagggg	gnnnaggggg	840
gagaaggngg	ggtagccggg	gnannncgcg	gcggcgatt	gngcgaggga	nagggnggga	900
gggggntgga	gggggngngg	gnggcggcnc	catgngggg	ngggggtngg	gagggngcng	960

gaggaggngg	gnnggggggg	ntgcannagc	tangngggag	atcggggngn	cgnnngtgan	1020
gnacgggan	ggtgnnagng	anagngtgng	ngnggcngag	cggggtgngg	atngctnagc	1080
gnaggagcgc	gcgtgtnnag	nacggcggaa	ggnggcggg	ggagcg		1126

&lt;210&gt; 2530

&lt;211&gt; 989

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(989)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2530

gnnnnnngnnn	nnnnnnnnngn	nnngnnnnnnn	nnnnnnnnnnn	ngnnnnngggg	gnnggnnggn	60
gnnnngnnng	ggngnggggn	nnnnnnngnn	ngnnnggggn	nggnnnngnnn	nnngnnngnn	120
ngnnnnngnnn	nnnnnnnnnnn	nnnnnnnnnnn	nnnnnnnnnt	ggngngtcgn	gagacccttn	180
ggggngnncc	cgggcngncg	gccngngccc	ngcgcgggcn	ggggnggggn	ggnggcangg	240
ncaggcgggg	cngctgcggg	gtcctgcccc	nccnncngag	gacncggncc	nncggnncn	300
gcggcgngnn	ccagggcngg	nggggcngng	accngggccn	cgacnncncc	ngggannccn	360
gcgcnagcgg	cggggncnnc	nggcgggaca	gngcgcnngc	ngncnngngg	ccnngggaca	420
nagagacggg	gccncggngg	ccccngcgcc	gngggnggga	gcccnggggn	ngnnccnncn	480
gaccnccng	ggngngggga	cnggggnccc	cnggnngggg	ggggaccaag	gancccgcc	540
ggcncggngg	ggggggccag	ccncccnncg	ggcngngggc	cgggggggcc	cgnggncggg	600
cgnggcnc	nnngcccngg	ccnnggnccc	nnngcggggn	ccnnggggn	ggnggggggn	660
ggaagcagnn	gncnnnccgn	cgancgngng	gggggncngg	ggnnnagggg	gnggnngggg	720
gcncnccng	gggggggncg	nnngggnggg	gggggggana	nggcnnnggn	ggcggnnggg	780
gcccaggnnn	ncgggcggng	gncnngggg	ccnccccnn	cngaggggna	nggncnngg	840
ggggggaggg	ggngngngnc	cnnngngnnc	gngnggggnc	ggngggggcc	ncngganacg	900
nnnggggggn	ggccgggggc	ccnngccngg	gnggggggna	naagcnnng	nnngggggng	960
gggggggggg	ccnccccnc	nccccngcg				989

&lt;210&gt; 2531

&lt;211&gt; 751

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(751)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2531

ttaatcttac	cccttnccan	tccgtgctgt	cgcttgtaga	gtattttctac	tttttattct	60
aatcaactgg	actgttgcat	tatttttatg	tagattgcta	acaaggtttt	tgaagaaaca	120
ctcttaaaag	tcataaaaag	gaaaatcttg	acagttcttg	gatattgcca	cccttgacct	180
tttgagaaa	tgtagacagc	atctcccagg	catgacgcct	agggatcggt	tttatctgtc	240
atcagttggt	gactccatgt	ttattgagca	ctggctataa	gccagacttg	gtgagggaact	300
gaaacaatta	caagacacag	ttctgcactg	gaagaaatag	gaatcaacct	aagatttcct	360
gtcctgctag	gtcatcaggt	tctgtgccca	ctactttcct	tcctctacca	aattcactta	420
tagcctccaa	gtagtgtaac	tatcaatagc	acccctttca	ctcccaaaag	tgctcctaatt	480
tggagagtaa	gttgtatgat	caccctacct	acagtctgcc	tgttttccaa	tgcacacttt	540
gtctctcccc	tgctcttggt	acatgtgtgt	cctgaggcca	ctttccagat	ggtcttcctc	600
tgctattact	ccagcatgtc	antgctttgc	tcaaaaactg	ctaactgggg	tcttcattgn	660
gggtaataaa	tccattttct	tatatcatgt	agccnaaagc	tctnttccaa	tttggaataa	720

ctaanagtaa ctctattca tgaacaggac n

751

&lt;210&gt; 2532

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2532

ntcccaaaaa	tttgcttgat	cttgggtctt	gttcaggcca	gaaagagata	atacaaggct	60
ttggtgatgc	ttagcatttt	agaagaagta	atgctgggtg	ggaaatggat	ttggcagtct	120
cgtttttcgc	atcattggaa	tgggagtcct	tcacagttgg	agacaggatg	aagtaacaga	180
gcgtggggat	ctggattaac	agggtggccat	tcgcagaaaag	gaggctgcaa	agcaagagggt	240
gggggcttct	ggctgagcag	gaagtgggag	aggggcatcc	ttgtgaggag	cacctgtagt	300
gctgggggtt	gggcacaggc	aggcagagga	ctttatctga	tcctctcaaa	taattttgcc	360
tctgcttggg	agggttctag	ctacaaaaggc	aacatagcag	gtagtgcctg	ggtgtgatgg	420
tgataggcac	agcggtatct	ttaaatactgg	tggtagcatt	tangaaaaag	aangtgacga	480
gtncctgggg	aaagtccctt	gtgggtggccc	atgactcacc	cgtggcccca	aggggaccag	540
aaccagaacc	aagggaagaa	ttccatcaac	cgaatgggaa	acctttgtct	tttttaagggt	600
ggaccaagga	aanctttttt	tttgtgttgg	gttgggccct	ggtnggcctt	attgaaggaa	660
gaagggtggg	cantttttnaa	acnaaaaacc	ccanggcccc	nttttttt		708

&lt;210&gt; 2533

&lt;211&gt; 1199

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1199)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2533

gaatagtgtg	aaaaaccccc	aaantttntn	naattttccgn	gaaaanattt	cccccggttn	60
ttgggcnttg	ggttnccgan	aaaaaaaaan	tttttccncc	caagnttatt	ccanccccc	120
nctttacgag	cntnggtggg	tttttctttn	ccaannngan	natgggaacn	cgggnagnnn	180
ngngngctan	taataaatta	nnatacnatn	nnnagtnttg	gannataata	tanannaacn	240
annnattacg	gnggagtant	tttnttacta	tnaanancan	atntgtgnac	ntactnaata	300
ttgananatg	tnataaatta	aatagaacaa	tattnnnatt	ntaaaaggaa	naaaatatna	360
ttananatna	anagnnngaa	gtanaataat	aanataattn	nntatnatte	tatggaatan	420
aattanaata	taactnaatn	ntntaanana	ganncttaca	atctctntgt	ntatatnana	480
anaatcgaaa	attattactt	actanatata	aantatntan	tcattnttna	aatntnaata	540
tanatatcnt	tacaatanat	nattattaat	aacttaana	aacanancct	ntatantttt	600
atancnanat	aatacanana	anatttgatt	nataatnana	tannnaatta	atttataata	660
tatantttat	nannataaaa	nnatntatna	nattntnnan	aaatatangn	anaantactt	720
atatacnana	atanttaaaa	naaatatcna	ctantaatag	aactacattt	atttanatca	780
ttcatnnant	tttcatagan	anntatnaaa	tcntattatt	nacanntnat	ttaatttana	840
tnataaactt	tantatnttc	tacnnataac	tannttaaaa	tnatatnnan	ttattnnan	900
aanatanatc	tantataaat	ananntanat	aataaattta	atnttactna	ntatatatat	960
tnataagctn	ttnttatata	tagatnatan	gaacnnantn	atattnnatt	anaanataan	1020
nanatatgta	tatatanaac	ttacntnttt	catatataat	ntntnttnac	atatatnaat	1080
ntatctatct	anttcaccaa	tactatttna	tacaattata	aacattatnc	tnnatttnnn	1140

naaatatata ttatnantaa ntntntctct annntatana taantatana anntttntnt 1199

<210> 2534  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (709)  
 <223> n = A,T,C or G

<400> 2534  
 naaccnecnt cgantccttg ctgtcgaaaa gaacttaaaa cgttcccaca ggcccntaaa 60  
 agtcttgtga gttctggcat tgtgggtcac acatcagatg cccaagttgg ccctgggtccg 120  
 cagcagagga gggctttgat gggacttagg gtatcacagg tgtgtctctgg ctgttgtggg 180  
 gaacagactg taggcagcca gtgtgggaagt gcagggacct ggaaggggtt gactgcactg 240  
 gccctggaag gccctggtta gaggtgggtga ggttgaaaat aaggttgggg gggccggggcg 300  
 cggtgggtca cacctgtaat ccagcactt tgggaggccg aggcaggcag atcacgaggt 360  
 caggagatgg agaccatcct ggctaacacg gtgaaaccct gactctacaa aaatacaaaa 420  
 aatttagcca ggcgtgggtg cgagcatctg tagtcccagt tactcgggag gctgaggcag 480  
 gagaatggcg tgaaccggga aggcggagct tgcagtgacc tgagatggcg ccaactgcatt 540  
 ccacctgggc aacaaaatga gactncgtct caaaaaaaaa aaaaggaaaa aaaaggaaaa 600  
 aaaaaaaaaa aanntntntn nggccntttt tttcntantc cccaantttt aaaaaaantt 660  
 ttgtnggatt tngcncaccc ncccccttan tntntnnnnn nnnnnnnnn 709

<210> 2535  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1) ... (746)  
 <223> n = A,T,C or G

<400> 2535  
 naaccacgat cgantccgtg ctgtcgggtt ggtttatata taatgaggga agaagatgat 60  
 tacattatnt ttgtcacttt gccatcattg tttagaagtc atagaaagaa tttttaaata 120  
 ggccaataag tcttaaaact gagtacttgg cttagaagaa agtcaaaact ccttcctttt 180  
 tgactaagtg gtttgtttct ggggagctct taatttctat ttttataatc attagcctat 240  
 aaggaaattg tgtcttcctt gttctcaggg tgatctgctg acctgtttca ctcatgaagc 300  
 atttgggtat catacttata gtgtctgaaa cataaactgt attgagctag acaagggtata 360  
 gcctcctctt caagtagcaa atactatcaa aagctataat gcagtaggag caaggtgggtc 420  
 cttgttccag tttttgtctc agttctgctg ctgatgtacc atgatcttgg gaaggtgggtg 480  
 tctcagtgtg gagatctgac acattgttac cgtgcctcct ggctggaggg acttgagaaa 540  
 caatgcagtt aagtagaatg ggttttaacc aatacagaga aaatttattc cattttaaaa 600  
 taaaaaatct ggatttttta agaacctttt aaaaagcttt tggtagcagt ggtaaaataa 660  
 gaattttaat ggtattttta acatgccttt tatcaagcnn ccaaaatnaa agggattttt 720  
 aaaaattttt gtccnaaaaa aattaa 746

<210> 2536  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2536  
 naccacgac gaattccggt gctgtcgcaa tttctgagtc tctttctatt taatgccacc 60  
 aatttctgag gaactagagt gcagagtgga ttgcttttca gctttttcta ttaggattca 120  
 gatagctttt taattgctgc taatatattt gtcattcata ttgctttttt gttttcaaaa 180  
 ttcagttaat attttttctt ctcattcatt ttgactttgt aggttcacgc catttgtaaa 240  
 accctctttg ttgtcttttt attggaattt tgagagggag ttaaagtgtc gtttttaatc 300  
 taccatcttt aaacaaaaat tccagctatt taatttcagc atgaagaatt gcattaaaaa 360  
 cagagcagtg aatcattttt tgaataataa tgctggattt tatttttaaa aattatccta 420  
 gcctaaaaatg tttaggatca tcatagcatt aagagagatt tatatttggg aagaaatcaa 480  
 aaacatcgtc agttttcatg cttaaagtat ttaggatcat aatagcatta agaaagattt 540  
 atatttggta aaaaatcaaa aacatggta gttttctagt ggaaattttt catggcacta 600  
 taaatcttta gtaacaagat tttctatggt tagnctttgg atatcttttt ttttcttaac 660  
 agtagtttat aaaaaggatn aaaagctgnc atanggctgg gccagng 708

<210> 2537  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2537  
 tctcgtntcg antccgttgc tgctgcaatt tctgagtc tttctattta atgccaccaa 60  
 tttctgagga actagagtgc agagtggatt gcttttcagc tttttctatt aggattcaga 120  
 tagcttttta attgctgcta atatatattt cattcatatt gcttttttgt tttcaaaatt 180  
 cagtttaatat tttttcttct cattcatttt gactttgtag gttcatgcca tttgtaaaac 240  
 cctctttgtt gtctttttat tgggaatttg agagggagtt aaatgtctgt ttttaactta 300  
 ccatctttta accaaaattc cagctattta atttcagcat gaagaattgc attaaaaaca 360  
 gagcagtga tcattttatg aataataatg ctggatttta tttttaaaaa ttatcctagc 420  
 ctaaaatgtt taggatcatc atagcattaa gagagattta tatttggtaa gaaatcaaaa 480  
 acatcgtcag ttttcatgct taaagtattt aggatcataa tagcattaag aaagatttat 540  
 atttggtaaa aaatcaaaaa catggtcagt tttctagtgg aaatttttca tggcactata 600  
 aatcttttagt aaccaagatt ttctatgggt aggccttggga tatctttttt tttcttaaac 660  
 ngtagtttat aaaaaggatn aaaagctgnc atagggtgt gcacagnggg 710

<210> 2538  
 <211> 1565  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1565)  
 <223> n = A,T,C or G

<400> 2538  
 caattccata annntnnann tacanatcta natatntntg ntngnnant tnttatatat 60  
 tgantaantn tatnnatant ctttnanggt gaanactntc atgtcagctn naanaatttt 120

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annttntagn gggcanntca tatattatgg tatctgatan nantggnatn ntncctntgn 180
nnnnnnnnnn nnnnnnnana ccnngtatcg antccgtngc tgnantata antnncnngnn 240
tccccctcg ttgangtgta aattatnata tagnggttnn cactttatat tcttttttctc 300
attatattct ttactctttt ctannannac tgnntttnt ttnttaanat naatgacnta 360
ntctcttant atcnanctnt aanaannnna tcatantatg annnannnta annnttantt 420
ataatangan ttttattntn antnntntnt nattttanta tgnattncat ntatnnnnct 480
ttttgatgat aanccttnaa natatattnt ntatantact tcaannnta tnatcttnt 540
nttatanant attatatatt tgtattatnc tntntaacta ntantttnt tantaantat 600
nattnatanc ncatntaatt tatatttcnc actnntttnt ancnatcata gttanattnt 660
antagtacta tcatntgtaa tntatttatt attttgatat nnnacttnt ntatagtatn 720
ntatgtntat atataantna tatactattt tttatnagtt acattatata tngangtaatn 780
ttatnttna tngtaantn ctaaaatata tttcgatttn ntcaannntn atntnacgtt 840
atagtantta cnatcntatg taangatata cgagttaata naannaaana taaaatcaca 900
antangtann taatagntaa ntatnattct atanatntat naaaatctnt atatatatnt 960
nattgactan ntaatcgnat atattatctn ncgctatttn annatcgtnc tntnagtctt 1020
tnaatnttnc ttanaatanc annnnanaaa ctgtnanctg ttnatatatn ntntanntct 1080
atcatnntnt tatctttctc gtataaant aaatnatatt tatcngtntg nntannntat 1140
aaantntnt taatcataaa cttatactna tcntttatac tcctattgac attncntaaa 1200
tatnttantt aatnatnagc tacaantatc taagctanat tntattgtat anatttanat 1260
agtntatttn tantctgtta taagttaac tattantgta tgtgtctgnc acgtcatntc 1320
aatntntcta atactntatc tntntnaant attatgtgtn tgaagntatc tttatgtata 1380
nntgtatana nantnactat natntntata ngtaatatn nttantcnaa gnaatantga 1440
tanttctatn tncntacat nttnantatn tatnttnttc ttctcnccat aangttcata 1500
nntttagtta cnntatnagt acaatcntta acgtatacga tcttatctct ncacacgnnt 1560
gatnn 1565

```

<210> 2539  
 <211> 723  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(723)  
 <223> n = A,T,C or G

```

<400> 2539
naccncgatc gantccgtgc tgtcggcaaa atagtatttt ctattactgt gcaggggaaa 60
gggatggatc gatacatgca aatttaatgt agtaactcac ttttccatat attttgaatg 120
tatattttcta tttatgatac caatttataa aaaataatta cacagaaaaa atggaatagg 180
aaaaattatg catctagcac atttaaactg tgcaaatatg aaaatttttc gaggattaca 240
ttttatctga aggctgcata ttttaactgg ctttaaaact gtaacacatc acataaaaga 300
tactttacca ggtatgtatt gcattatatac attgcaataa ttattggaag tctagatatac 360
gagccatccc aggtgttggg cggggggagg gttgtggcaa gattgtcttt tcaattttgg 420
agagttttcc tgtggctaca aggcaagtaa cgggttgga aaagtctgac tgtaagccgt 480
tggacacctt catagtgtag tgttttagtg acttttttta tacgggtctt gtaaattaaa 540
atcnttgtaa tgggtgtttc aaaaatggtt tgtttatgca ctaattcaga caacttttcc 600
tggtacttgg tcttgataaa gtgaaaactg caggggaaat aaaaaaatnc ntntcaaaac 660
cttaannan nannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nct 723

```

<210> 2540  
 <211> 733  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(733)  
 <223> n = A,T,C or G

<400> 2540  
 tnaccttnnt cgaatccggt gctgtcggga acactaatgg cctccctgg aacagacacg 60  
 gcgccccccc acagaatagc ctcgatgccc cctggaacag cctcggtgcc cctggaaca 120  
 gcctcggtgc cccctggaac agcctggtgc tectggaaca gacacagccc cccagaaca 180  
 gacacagcac cccctggaac agcctggcgc tctctggaat ggccacatcc ccccatcctt 240  
 tctgtgctgc tttaggcac tgcccttacg tggttcgtgt ccagctctgt caacaaggcc 300  
 agctccacaa gaggccccag ctcagccctc cccagtgggc tcccctactc aggcctctggg 360  
 tcagcttctt cccaggaggt gtccctggccc ctgtgctggc cccgcctcgc tgcctggaca 420  
 cctgtccgtg ccaccctggt cactgagcag gacatccgct tctgtggccc ctgggaccct 480  
 gcccccgaca gccaggcctg ggtttgtcct tttaggtaga gtgcctggtc caggtcattg 540  
 gaggagaagt ccacatggcc acctctggcg tgttctaaaa aggccctccc gcgcttgggt 600  
 caggaggcca gcatcgggga acaaggaaaa angggggctt gagcttctctg gtctcttttc 660  
 ttnccttccc cgaaggncaa anaaacattt cccattccga atgtccaatg gcgcttacca 720  
 gaattcnttc cnt 733

<210> 2541  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(708)  
 <223> n = A,T,C or G

<400> 2541  
 naccacgatc gantccgtng ctgtcggcct gggaagatat atgtctgatt ttcgggacttg 60  
 gaagcaagat aaaggaaaga ggctgctggt ttatgggtata gagattttca ctcgtaaaga 120  
 aagtaacaaa gtaaggaagt aggattattg tagaaatatt attttacagt tcaagtttgt 180  
 aaaacacagg tgaaggaat cgttggtggg tctcttctc tgagatcacc aaattatctg 240  
 tagactgggt ggtagacttg gagagaccac ttgttcttg acaacagtta gaagcatact 300  
 gccctaagca gtaaaaagg gattgttgag ggcagcaaga ggcggtgtaa cataccagtt 360  
 catttttctt ttcttagcaa gcatgtacta attgcctttt aaaactcctg accatagggg 420  
 ataaaacgat tacaagaaag ataccttccc tgctcccatg gaatttacat tctagcaca 480  
 cagtggatat taaacaacgt atcatctggt tatgttaatta cagtaataag aatcatgtag 540  
 gagaggtcaa ggaagcttac tgctgtgggg ttcaggatgg catctncaa agtatgaata 600  
 aggaaagtgg tgggagaata aaaggagagt ggcagagact caaactgaga gattaattga 660  
 gataatgaca attnggggat tcaatgaggt gttaatgtgt tagncctg 708

<210> 2542  
 <211> 718  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(718)  
 <223> n = A,T,C or G

<400> 2542  
 tnaccnntnt tcgaattccg ttgctgtcgt ggaggcttac taaccaggta agccttctat 60

```

gcacccacac caaaatcctg cagaatgtaa gtaagctctg ctttataaga tgggttcacc 120
ttcatcgtag actgaaagt ttagttttta tttttttcag aaagcacgaa aaattattta 180
taatagctcg gagaaaaaac aactgtaat atttcaagt tatgcagtag aatgtactgt 240
aactgagccc tttcccatat gtctaggctc caatgtctcc tgtaggtcca cctaactgtg 300
tgtttttcagg gacaatgcca tccatgtttg tgctgtagac ttgctgctgc tgaatccttt 360
ctggggactt tctcatcggt caggagcag agggcttctc gttcatgcac cctttgcctg 420
aacacccatg tagctgctgt gttgtgtata tattactctt aagaggagtg tgtgtgtctg 480
tgttttgttt aaaagtcact tatttcttac agtgatttca attgcacat gacttcttca 540
ctaaaaccac aaagtcctgc ttaaaactat ggaaaacctt accctgattag agccttgact 600
atttttgaag aataaatgcn cacttttntn ttttnaanat tnttggaat tgagactttt 660
ggggcctttt ttttnggggg aatttctaac ctgntaanaa acntnnana attttgan 718

```

<210> 2543  
 <211> 889  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(889)  
 <223> n = A,T,C or G

```

<400> 2543
annattnnnt nnaannnnta nanantnnnn tnnnnnannt ntnntannnn tntnntnn 60
tanatatntt nntttnnngg gganagtann tntntntcta tntctntac tatnntntan 120
tnctggnggn gntttntgna gatntatntn ctatctnnnn nntnatnan tannnnnnnn 180
nngaataaac cnnntatcga ntccgtnggc tgtcngntgg nctgaccacc ccactcatcc 240
ccgttaacat tctctctaaa ggcctcgtt catttccaaa gcagttaagg aatgggaacc 300
anagtgtttt aggacctgaa gaatctttat gactctctct ctttactctt tttttttttt 360
gccactaagt naaaagcgaa gngagagtat taacgttttt gttctctctc ggccccntgt 420
tncaatnaag gggcaaaagt atttgctctn agtctattcc tcccttaact tctgtgacta 480
attttnattt cctttctana ttngcccaat taanactagg gtgcagngta tcctgnatag 540
gtagggtnag tgggggagga atcccttggg gnagatatta ggantgctct gttgtttaca 600
aactcaggtt cccgcagggc ctancaaaga gacttaaatg actgataaaa aacccttgaa 660
aaacatgttt gnttcaggn ttnatttcan tttttcnnnt tttttttttt tnnaaaaaaa 720
aatntcnttt tgtcaccngn tngaangcat tgggncnatn ntcncttnt tntaacctcc 780
ctnttngggg taaannaatt tcttttgcen atncccnnaa atcttanata aangccttc 840
cnncccccct gttntttttt tntttaaaaa aaantggggn tccntttt 889

```

<210> 2544  
 <211> 746  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(746)  
 <223> n = A,T,C or G

```

<400> 2544
gaccacgac gantccgtgg ctgtcntnnn accgnccecn cccacctgcn tncagctgcc 60
tcttnacact gggccctgct ctcagatgga agtgteacca aacaccaga tgcgtgtgt 120
cctgtctctc tggagtggac acaacctgaa aaccaactgg actgagcatc cttctcctaa 180
aatctcagcc agaagccacg atggagggtc ctgggaaggg aagagatgtg aagatttctg 240
tgattctaaa accttgggtc tgctgcaaa cttctctctg atccagccg agagctgtgc 300
acacgctagc tagccctgtc acacaatagc ccagtgttcc cgtcacaant gcctgggaat 360

```

```

gagaggcttt tgagccacag agctatgaca agtcncagg ttgaattgac tctgggagga      420
caaatttctg agagactcac gggaccctta tccaggacaa cctcacaaaa gatcccttga      480
aactgagctt tctctgcttn cgtgcataat ttgaggtata aacttttncct gtgtctnecg      540
tcaanatgaa gtgaaaggat gaatattatc cccaaggcta aaagntaacg naaaangtcc      600
aataagccat ccgatganna gaatatnttn ttttggaag aaagncttgt gaancatttt      660
tccattcaaa cccctggtna ngttttcccn aaagaanttt tttccccgaa naatattgt      720
gtttnggccc atnaaaaaa ctggat      746

```

```

<210> 2545
<211> 716
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

```

```

<400> 2545
naccnnttc gaaccgctg ctgtcangct gaaaggccta cncattaaaa actaacactg      60
cctccccctgn agggagatag tcctttcatt ttagctcctt gcattgaaat agcattgagg      120
attaaatttg tgtaagcccc acaaaattca aaatttatgt gcttttctga ccacttgect      180
tctagtggaa attttaagca tattagagga tatgtttctg tgggagctga tcagaatgg      240
actaggagta caaaagaata tctaaaacta aaacacagct atatttcaga tcatactgct      300
tcacacatc gagtgcatt acaaaggtaa taaatagtat gtggctgagt tagggcttgg      360
gaccattttc tagaagattt gccctttctg caattctagt ctctataatg attggagtgt      420
aggagttaag ttgtggagcg tctcataaat ttaactagaa tcacccctc ttaaaattcta      480
aatcaaatat tgacatatta gtcggccatt atttgattac atttttattg gtttaagcag      540
tgagagatgt tttgtgcaga atctggttgt tttcacccct aaagtaaggc attgcattat      600
ttctaaataa tcctataaag cccctaaatt aaaaaaattt aaaccaacc cactttnta      660
aatgaanggc nctnctagnt ttctatgggg ccagcctctc attcccgna atttcn      716

```

```

<210> 2546
<211> 717
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(717)
<223> n = A,T,C or G

```

```

<400> 2546
tnaccncgnt cgantccgtg ctgtcgctgn ctatcagtgt accggatatt tatgtaaact      60
atgactgtga cttaaagtct gccaatatat ttgaaagact agtaaatgat ctatcaaaaa      120
ttgctcaagg aaggggcagt caagaacttg gtatgagtaa tggtcaggaa ttgagcctga      180
ggaaaaaagg tttagaatgc ttagtgctga ttttgaagtg tatggttgaa tggagtaagg      240
atcagtatgt gaatcccaac tcccagacaa ctcttgggtc ggaaaaaccc tcagagcaag      300
agatgagtga aatcaaacac cctgagacaa taaacagata cggaagtta aattccctgg      360
agtcaacatc atcatcagga ataggcagct acagtacaca gatgtctggc actgataatc      420
cagaacaatt tgaggctccta aagcaacaaa aagaaataat agaacaaggg atagatttat      480
ttaataagaa accaaagaga ggaatacagt acctccaaga acaagggatg cttggcacca      540
cacctgaaga tattgcccac ttcttacatc aagaggaaaag attagactct actcaagtgg      600
gtgagttcct gggagataat gataaattta acaaaagaag tcttgtntgc attttgtggg      660
accaaccatg actttttcag gaaaagactt cntttcagcc cttcgtatgt ttctaga      717

```

<210> 2547  
 <211> 680  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(680)  
 <223> n = A,T,C or G

<400> 2547  
 atttcattgc cctctttana nanttgnttn caaatgtcga gcatctttat ttatccaaat 60  
 ctctccacag tgtttgttta aaggggagcg ctggagagta aactaaatct tacaatgagc 120  
 atatggatgg ctataattgc tgaggtttgt tttttttttt catatttgct aactcgctat 180  
 atataaaatt gngtttctat tttatanatt tcacaccctg aanactgcta atttttgcat 240  
 gcatatgatt ttcacatgaa tggatgaaaa tactaaaatc tcttccccct ggaattgtct 300  
 aattgccccg accctactct aacagcagct agtgggtggg ggcggtggan actcctgcc 360  
 ttctctgtgg caccctactt ccttggaagc tcantcggcc tccgtctgct cacgtattgg 420  
 caggttggc ttccaaaccc attgatgcg gaacatgggt caggaanaac acagtcagct 480  
 ctctgngct ttccatancg ttcttttttg ccaggcttct ganattttta aataacggaa 540  
 gcaacatctg ccctntgaat taactgacaa tggggaaaca cacattgcaa aaattatctt 600  
 aatgtntagc aaatcaaggg aaaacaaact ttgcttaacc attggtttca gctttctatc 660  
 caccaaancc ccaacttttt 680

<210> 2548  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(721)  
 <223> n = A,T,C or G

<400> 2548  
 tgaccattnt tcgaattccg tgctgtcnaa tntgacagag acgctcaggc tgtgttctca 60  
 ggaatgaccga gtgggagaca gcagcaccag cgggtggcaga gacccagac atcaagctct 120  
 ttgggaagtg gagcaccgat gatgtgcaga tcaatgacat ttccctgcag gattacattg 180  
 cagtgaagga gaagtatgcc aagtacctgc ctcacagtgc agggcggtat gccgccaac 240  
 gcttccgcaa agctcagtgt cccattgtgg agcgccctac taactccatg atgatgcacg 300  
 gccgcaacaa cggcaagaag ctcattgactg tgcgcacgt caagcatgcc ttcgagatca 360  
 tacacctgct cacaggcgag aaccctctgc aggtccctggt gaacgccatc atcaacagtg 420  
 gtccccggga ggactccaca cgcattgggc gcgcccggac tgtgagacga caggctgtgg 480  
 atgtgtcccc cctgcgccgt gtgaaccaag ccatctggct gctgtgcaca ngcgctcgtg 540  
 aggettgctt tcngaacatt aagaccattg cttgantgcc tggcanatga acctcatcaa 600  
 tgcttgcaa nggctcctcg aactcctatg ccattaaaaa anaaaggacn agcttggaan 660  
 cgtttnggcc aaattccaac ccgttgattt tnccanctgg ttgncnaat aaaacttttn 720  
 t 721

<210> 2549  
 <211> 703  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature

<222> (1)...(703)  
 <223> n = A,T,C or G

<400> 2549  
 taaccacgat cgantccgtg ctgtcgggtt ggtcttaggc taaaatccat gttntacgga 60  
 gaattcaaga aattttttaa cttcaggtag aactgtgttt tttacaaatg tatagaaagc 120  
 atagtgccta atgcatggta gaaacatttc ttttaaggatg accggatgtt gccgtatgta 180  
 tttatggcac aagcaggtgt tgtctaagca gtttctctgt ttgcttgtca tagcagcatt 240  
 tggaaactca aacatgcttt catttacata aatagtttat gaagctttga caacaaatgt 300  
 aaacagacac gaaattataa atctgctaaa tatgtattaa gggattaat tattgaaagt 360  
 ccctttcccc aaaactcaac tcctatggca attatgaact ccattttacc aagaacattt 420  
 aagtgcctca gcatctgtat gatatagtgg agcagggtgt gacataggta ccagctgaca 480  
 tgatgtgtca ctagctctgt gggatgattg ccacatacat ggaacacctg ggagtgtctg 540  
 aaatgtactg ggatcgaagt gacaaagtgt gttttcattc acagtggagg ctacatcaag 600  
 caagggggagg nccaccctct tgcaagtgtg gtgagangct ctctacaaag acatgggcac 660  
 cggagtaggn ccctgtanca tgcnggtgct gtananaaaa tnt 703

<210> 2550  
 <211> 1063  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1063)  
 <223> n = A,T,C or G

<400> 2550  
 ctccnttttn acgtntnacn tagtnanann tgnngntnn ngttanattg ttaggtntnt 60  
 cntgctctcn cnagatnctt attacnatat anngtntnt atntacnggn anntnctana 120  
 cnttctatct ctttnanact tnnntntnnc nnnnanaaga accangatcg antccgggct 180  
 gtcnntctnc gcagtgtacn ccctgccttg gatccctcc cctcaaggag ttcattctcng 240  
 cgggagggag ggagacanga tagganaggg nacttttaan tggctntan cccttagcga 300  
 gggngtggtg aggtcatgca tgggaggagg ctgtcttgnn gcngaaccgg gtccanggag 360  
 gctcatnngn ganngntncc ctccaggca ctggagtnt ggcttgant gtgaggggta 420  
 gccnaanggn nnggctacaa tgnncgnggg nnggagagtn tntntntntc ggnggnaacn 480  
 agannntnac gccnncatg naggggggtnt tcatgtcttt cangttccag ggaatattat 540  
 ncatnggtta anacggnggn ttgcnnngtg naatcgaatn tactcttctt ccnntgtttt 600  
 nacntntntt tcgagantnn gggaantgna nntctcattg cctgggggnt nnactnctg 660  
 gntantggan ntntcaatca ngcangnngc tttnnnttg ngatggggnn cttcttngn 720  
 nngnttgac tctgatanta ancnnngnnn tcnngctggn ttntctgnatt acntacncna 780  
 ntnggttgga tntgnnanct aannntcnnn antnatgnaa ccnncacttn nntntntcnc 840  
 cgnaaatgg aacantncan ntgnttgtnn canctnnngt aggnagctng attatagtat 900  
 ncntnttggt cnantntna cctttgggnt ntggnactnn tcttcncgat tccttatcca 960  
 canaggggac tcccantggg naanataann anacnggna gcttnggngn ntancatngg 1020  
 gngtntttnc tctntcaagt acnaantntn acacctctnt ncg 1063

<210> 2551  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

&lt;400&gt; 2551

gaccncgac	gaattccgtg	ctgtcggntt	agcactcaca	tatttttgtt	caatctttac	60
ttctcacaca	aacagaaaaa	ggaaattata	tattctgtat	caacaaagat	ttaacaaaac	120
atccatacac	tacaactgtc	tacttactaa	aattaagaat	tagtatatta	tcttttttct	180
tctttatatta	aaactatctt	ttcatacact	attttaagtt	tatgaactga	aagtctttta	240
gagataat	acttcaatga	actattatta	tttataat	ataagcaaat	tgtcacaact	300
tggtattagc	tagctctact	gttcgcttac	agtctctaaa	gtttctgaaa	gcatccatga	360
tttctgccac	aaagaagata	cttaggaacg	attctgtttt	cctactctgt	gacctaaaat	420
tgactgggtc	ttcaatggaa	atgagatcca	tatcgggcac	taagggtata	cagaaataat	480
tggtgggcaa	agtactaaag	ctatttttgt	tgactatat	tttgagatct	ctttaaggct	540
ctgtgttctt	actgatttat	tccaatttaa	tgtattgnac	tattggcatc	ctactttttc	600
tttttaata	tattattatt	gactgnntac	aagactttgt	gttaactga	caggaaagtt	660
tttataaacc	aataacagca	ctcacatttt	ggaaagactg	ggtncattg	gtctn	715

&lt;210&gt; 2552

&lt;211&gt; 713

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(713)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2552

tgccttateg	antccgtgct	gtcgnnctga	cgtgaaatgt	aaactantag	gcgtgttatt	60
gatctgctaa	aactaacctt	ctttttaaga	ggagatttaa	ggaagacgtc	aatcaaaatg	120
tcaaatatgt	gtgtcagaat	ataaataatt	tttcacattg	tattgttgct	atataaaaaa	180
aataatagaa	ttggttgggt	ttctgaggtg	aaatccagag	taagagtact	agacagttca	240
acaagccaca	tctaattggc	cagatagagg	atgtagctat	tttatacctt	tcataacatt	300
tgagagtaag	atatccttca	ggatgtgaag	tgattattaa	gtactcatac	ctgaaatctg	360
ttgtcaagat	tagaactggg	gttcattgta	aaaaccttcc	atattacctg	agggtagctg	420
tggggaacag	ttccttcccc	tgtgtggtag	tattttgttg	gaagagaatg	tttatacaaa	480
aatgaaatt	cttccaacag	cagagaaact	ctaaaaagtt	tgatagtacc	tatcaaagtg	540
ctgtacttct	gtgatagaga	acatctgatg	tacccaattt	tagatctatt	ttcttttatac	600
tttttcta	caattgctta	atagtacttt	ggatgattat	cacctttgcc	actttaaaat	660
atataaatat	cctttttact	tcattgaggaa	ggaagaattt	ttgntaata	ctn	713

&lt;210&gt; 2553

&lt;211&gt; 1506

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1506)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2553

ccnccctca	cnctgtctc	acccnannnn	ggncctgttc	tannngtgnt	ganttttnnag	60
ctttntattn	aggantnctt	nnnntaatc	tntntctnga	gtgganntnn	nnnacggtag	120
ntcaaaancn	tgggtnaatt	cnnccctann	cccccatnn	nggttttctt	nntttnatnn	180
ctnatnatc	tantcnntnt	ntanccaatn	ttcctnatn	nnctntnnng	ctctntttta	240
atnnatanac	ttacctnact	cnanttctct	ancnngtata	tntatnnnga	ggnatcngnt	300
acggnntnact	anagctnnna	natnactgg	accnccatn	cntncncngc	tatntaacgt	360
aatgacctct	tacctacta	taccatntnn	ctcttatnaa	aacgtataat	atnctaaccg	420

```

tatatatggc tacngcaacg nacacgcanc ntatcnctaa gctgaactna ctntgnntan 480
ncgcgtantg taatngtnag tntangtcan atattaggtn atgcctcgng tattnannnt 540
taatcaattc nattctatan nntctgntna ntntnctnat atnttatccc natcatattn 600
nntatnttat caaanttcac gtgtcntntc tactnaactt angtatantn natgcgacgc 660
nnngtntatc annncantt tctnttaact tngcatatnc tctnantnta atgntgtatg 720
cnacnntatn tattctnacg aacntnatat aatnttcnta anttntnatc antnntatna 780
tngtactaca tngtcnntng tcaacncgta tatctctnnt ttagnanatn tnttatatnc 840
aatntgaatg ctgnttancn ctcnctntag cnaaaaaacg ctactatata ancgntntct 900
annnttacct tcgttctcna cgtatntacg atacgtaatn tnactacctt agctancanc 960
gtcnegntgn tacncnaanc taatctctan atnntctgca tgttctgcat ntagacnata 1020
acntacntnn ntanattnta cgntaantat ctcnctctcn ttntnatnna acgngncagc 1080
tntntnacnt tcnacncnng tntntannnn acattatntt nnatctcagn aaaatctatt 1140
acnttcnntc tatacttngt atntantata tctcatctta gnnntanant gaattatcnn 1200
gtcnctatn aannacacan actantntan ntanangacc gtannnacnt nnnattcngt 1260
acatatnant attntntntt atngatntnt nntcaantg ggatanatac tacntnttgt 1320
atctnncgca tntatnctan gntgaatacn ntatntnnat acctngaang tacgncacn 1380
anctaantna nctatgcan cnaatnncg ctacgttntn tcaactctagc cnantaatan 1440
tncgtanata tctacntgat naantantgc ncttaacnta cntannntga cangaacnaa 1500
tntnecg 1506

```

```

<210> 2554
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

```

```

<400> 2554
gccacgatcg antccgtgct gtcgcactga atgacttaag gctcgacaaa tgatattctt 60
ggaaaagtta atcttgaggt tttcaaatct ttttttttaa tgtctcccat gtttctcatt 120
tgctgattga ttcattagtt gctcttagta agatttgtca gttggaaata atgaaggctg 180
agactcattt ctaaaactctt ccataaccat caccagaaga gcagccactg tgttgtgtga 240
tgtaggctaa tgcctcccag atagaggtaa agtcacaagg actattagaa ttccagtggg 300
ttgtggaact ggttttggat tatccttata ttttcattct gattactgag gcagtcttga 360
aaactcctac cattgaaata gtgggtgtgc ttttccttgt ttaaggattt tacatcattt 420
ttatgcactt gaattccaaa atcagaatct ctcttttacc tatcaacctt tattggctat 480
tggcttttgg caatgacctt tctgttcaaa tgtagtctct tctctttgtt tccttaggga 540
gtagaacctg cctttttctc atcttttcatt tttttgacgt gtcctttcta agaaaangct 600
ctctgccgct gttctgggtg ataaatgata ttttcatcta atcgntatgt ggggtgggat 660
gatcatggng aaaaactagg aagacatctc tgggtggatgg actttttt 707

```

```

<210> 2555
<211> 1192
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1192)
<223> n = A,T,C or G

```

```

<400> 2555
tcnnnnnnnn cnagnannaa tangnnttta tngtantnan tatangtagt gtnnaggtgn 60

```

```

nnnananagt gatanngttc nagnntnnc nngtntgnc atgatnatat atagntnnnn 120
nnnngnagnc atgacnaat cgggctgtg ntntgcctgt ggncccnatg ggnacanacac 180
tgngcccgcc cacagaatag cctcnatgcc ccctggaaca gcctcggtgn gggcctgttc 240
agtctcngtg cncnctnann catcctnnan tancntttga anagagnnat ttagagtana 300
aannaanttt gtcacttntt ttntcattaa aaattactat nngnaacctt angaagnnna 360
tgnccnatca angcnntgt cnagctatga agaattatnt ntangnggaa anaacatnaa 420
ntttnacatn cnnagtnatt cccaatngaa nccctaaana acatgnaatt tggtagngnt 480
tnnctacnnt antgtcnat ggaacncnan actnaaaaa aggtatnttt naatnnctcc 540
tnggnggtat cngggannct aaacnttggg ngecgcgnta tganaatata gacntatcn 600
tnatngaana cntatgaatg tatnctctg cttatgttna ntcgtattat nactnngnat 660
attanatnaa tntnctnnt tntanntag atcntatgag tcaaacttgn tattaagnta 720
tnantactna tatanngan ncatcnagaa nnnctnncac ananaatatt cacnctgnc 780
nctatatnat ccganganna ntaanntaag ttnnanncna tntaantcaa ngtnaattn 840
nnttnnatat ttnggtnnnn gatttnnnna ntngtatgtg anttattatt acangacnga 900
nnaatnctnt attgnnttnn ngaannttta tnaataatat atctannant nntnttatan 960
catnnntnng tntnctatnt tntnnngtna naggngngn ttcattntaa cnantntnt 1020
ntccaacgan nangagntnc nannttattn antatacatt ntntagntnc tnaactntaa 1080
natctcnaa ttgatnangt anatgatnnt attntaaatc tntnatntnt canantntna 1140
ctctattana nncancctan nntnatnna tncatntaca tcnnngata cg 1192

```

<210> 2556  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (710)  
 <223> n = A,T,C or G

```

<400> 2556
nacctcgntc gantcttget gtcgcccgga tgaagaggtg agtccccctt cggccctca 60
gcgagccag cgtggggacc actcttccg ggagcaaggc cagccccctg ggggacttc 120
tcaggccaga cagattgatt tcccgctgc gatcctggtc cccaccaggt ttgttggtgc 180
catcatcgga aaggagggtc tgaccataaa gaacatcact aagcagaccc agtcccggt 240
agatatccat agaaaagaga actctggagc tgcagagaag cctgtcacca tccatgccac 300
cccagagggg acttctgaag catgccgcat gattcttgaa atcatgcaga aagaggcaga 360
tgagaccaaa ctagccgaag agattcctct gaaaatcttg gcacacaatg gcttggttg 420
aagactgatt ggaaaagaag gcagaaattt gaagaaaatt gaacatgaaa cagggaacaa 480
gataacaatc tcatctttgc aggatttgag catatacaac cgggaaagaa ccatcactgt 540
gaagggcaca gttgaggcct gtgccagtgc tgagatagag attatgaaga aactgcgtga 600
ggcctttgaa aatgatatgc tggctgttaa cgtaaagtcc ctaatgcttt cttctnctg 660
gggtttcact aggctaaaaa tcttgccatt cagctnatga ggaatgcctt 710

```

<210> 2557  
 <211> 721  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (721)  
 <223> n = A,T,C or G

```

<400> 2557
taccnngntc gantccgtgc tgcggaaaa tattagctac tcaaataagt aggtctctga 60

```



```

aatagtttta actgcaagtg tgtaacttg tgtggtggt tgaagccatt tttccaaata 120
aagttattaa acaccacttt atgtactgaa gcatgaacag aaaaatcaag agctgagcag 180
accacctcct ttatgtaggc aaaacttcca tcattttggc ttttgttcta aacagaacta 240
aatgacatgc atagcatggt aacttacaga tcgcttaatt ggagtaaaac tcagagtaat 300
agagggaaat atgggctcct cagtgccttt ttagcttttt tgagttgaag acgttcctac 360
agatgtagtt taaacattac aaagtaggct tctttatcca aaaatcccaa tgtgtcatag 420
tacacagata gtttaaaata ttagcccg ggaagggag gcatgtaaat gtcttgaaga 480
ggagaaaaag tatgaaagaa gatcgatagt taccaataat gtgtatgatg aggacatact 540
ttaaaaaatg aattcctctg tacagtaa ataccaaatct ttagggattt ttttgaata 600
agaagaattt atatttgtaa tgggtctaaa gaattttttt tgtaatgngg gattataana 660
attttaattt gggaaccact ttataaacct ggtnaagaaa aaaattntng ccttctggaa 720
t

```

```

<210> 2558
<211> 736
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (736)
<223> n = A,T,C or G

```

```

<400> 2558
tgnacctcgn tcgantccgt gctgtcggga ctacaggtgc ccgccaccac acccggttaa 60
tctttgtatt acaggataga gttcttgga gcttggcggtg gagggaggga gacaggtag 120
cacagttaca gaaggatcct cgggatatgg aaatgcggta tttgtggaca ctcattcatc 180
taacacacat ttgttgagct cctaattgtg atagaactga agggatggag tcatgggcag 240
tggaagagct gaaatttgtg aaaagagaga gaaggatcag tggctatggt ctggaagatg 300
acgtggaagt gtcagccatg acgggtgggg agtggcctgc tgctcctcct gggaagagaa 360
gaaggtgaag actcagggcg cgtctgcagg gagacagtgg gagctgtggg gtcgtggatg 420
acgctgatcc tgtcattagc atctgagcga ggtcacagge atgtggggcc tcgttaacaa 480
tgcccggcat ctcaacgttc ggggaggtgg agttcaccaa cctggagacc tacaagcagg 540
tggcagaagt gaacctttgg ggcacagtgc cggattgacc aaaatccttt cttcccctca 600
ttccgaaagg gccaaaagcc cgcgtcgtca aatattcaac caaccattgc ttggggcccc 660
cattggggcca accccgggccc cgnntttccc gttacttgna ntcaaccaa tttcnggggt 720
taaaaggctt ttcttt
736

```

```

<210> 2559
<211> 1347
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1347)
<223> n = A,T,C or G

```

```

<400> 2559
cctngnchnaa ntctaannan atttggnagn ntgnngnaat ttatgnaatt ggcagattan 60
gattannntt tttccatttg gggnattnnn ngggtntttt nnttagcaat atnnnnnnnn 120
nnntaataac acnatchant cngtgnntn ttagccanca ngcccccggt tgagccnttg 180
tantttaaga natggtccnn cnttttattn tggaagtnnt nccacacntt tggntntttt 240
tgcaattntt tattntnata ntantatata nntctttttt ngntnttnga gcattctttt 300
acananannc tctnctatta atctnntnn anattattnt annanttnaa tanannatan 360
ttatgattac tgtcgantna atacaccttt gtcnctnnc ttnnnaagct atctntcnna 420

```

cantgaacac	tanntnctag	tactaanacn	ttanntcagt	ntctttnta	ctngntnata	480
gtncntgant	nnntcnacn	agtanatnnn	ttagncttan	cantagatct	aatganntat	540
nttcgatntt	actaggccta	nnctatgat	gtnttnnact	aacnactttn	ntangnnntn	600
atntangctt	ntgtaagtnc	ntatctantn	ncncatannt	ntatntnatt	gaaannaatc	660
ttatctnatg	aaaantatct	tatgctattc	ctngntaacy	tgtnnngaat	gtatgcgctn	720
ctatnanata	ggggatttta	tactatgtna	cataatntnn	tagtactgnt	atntatataa	780
angtanatct	aacgctgtna	tattcatacn	nnatctatn	tngtcgngta	gcntagcgna	840
aannanncgt	actaanaatt	cgnggtntac	atatatcgta	tntantgntt	ntnnngaaac	900
atatncgnan	cttaatgnac	ttcatnnnta	cgngatgttg	tctgacccct	ngcgacngn	960
tacgnnnaaa	togattacta	antntatnct	atagtaaagt	tatngtatct	atatnnnatn	1020
annatctcta	cacgtaagng	taaanntnac	nttactatgn	ntnttatatt	acnaaatctn	1080
atgcattcnt	aaancgntc	gtatgggtac	ntnaagcgat	atgtntngt	atatntacgc	1140
aaacatagta	tatattatnc	natntttttn	ataacattat	catatatnat	atatatttaa	1200
atncnanatn	attatnataa	natgtnaatg	atanaatann	gcanatgnaa	gancgnaaan	1260
gnaaaggnag	tnntcnctac	ttatnttcnn	gntggatgt	tatagctann	tatatacggc	1320
anctangnan	nanngaannc	ntgtacg				1347

&lt;210&gt; 2560

&lt;211&gt; 759

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(759)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2560

aaccncgntc	gaattccgtg	ctgtcgntan	anatgacatc	acncgtgtan	gggtgaagcn	60
nggagantca	ctcngntatg	antaangttn	naannngaaa	tgngannnaa	ntggaatttg	120
cnaaagtgcc	tgccctataa	tggtagaact	ggaccagaaa	ataggagtgt	gtataaaact	180
agaccancga	gctttttttc	cttcaagatg	cagttcagtt	tattgctttt	gtaaattaga	240
gattgtgttt	cttgatcttt	attaaagtag	aatacaatgt	taacctactt	caaattttaa	300
aaaatataca	cacatgtata	tgtatgtgtg	tgtgtatata	cacacaggat	tttaaggaca	360
gttttttgtg	tgtgtgtgtg	gcatgcgcac	gcatgccaa	gaaattgtta	atcttctagt	420
acatccccc	taacagaggc	agctaccaat	aagatctagt	ctttgcctta	cagaccaggt	480
ggctttacct	gataggctca	cagacattca	gtagtccatt	tgttccctcag	atttctttaa	540
ttattgnnga	taaagttgat	atttaaattt	accaacttta	accatntttt	aaatggnatt	600
antttatttg	gccatttaan	gtggttaatt	cncantttgt	tnngggccag	ccnttcattg	660
gancaatccc	atcntcttan	ggaggttntt	tcnttccctt	ccntnaaatt	gggaaatctt	720
ttggtgcccc	caaaaaacaa	attancctac	cccctttnt			759

&lt;210&gt; 2561

&lt;211&gt; 1097

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1097)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2561

atttgaaccc	canngnaat	ccgggaaatt	tcngntntgg	ccttggtncn	agantgacaa	60
cctcgctggg	gaggtagccc	cccncgtatt	gtgagatant	aaagacngnc	ttnganacng	120
gnagnncntg	gctnagggcg	anaggaaang	attgtcatcg	agttngcagt	ccgngaaaat	180

ggccgtnntc	gtnagggcta	gnnnantnga	gagaggangt	ctattttntt	taagagatan	240
taataaanan	tnnttagmct	cnntagatgt	ctcnatnagt	aataaanan	natnnnatcn	300
ngtnntatgn	nacgngcatt	ctgtataana	tagaagcna	tatnntngca	tannatacac	360
agttantcca	tatctgtagn	tnaanaatna	nagtnctttg	gangtnntta	tncaanaact	420
ngngtcntna	nngnnacatt	nantattmng	aagngaactt	ntntaannna	aatatncanc	480
tctcacaann	ctnananant	nananntnna	atatanatct	ntnannntcc	nnacanacnn	540
nanatannnn	cnnnnctana	taganaanaa	tataattann	gtngtnactt	tangacanaa	600
ttncgatgtc	annacatntc	nacnaatta	ttcantncta	nnnaactnaa	gnanncgtn	660
ncnanagang	agnanantna	atannttatt	nnctangaat	tcattgtatt	ncnatcacta	720
antatnaann	nggtataaaa	naaatnanat	cactacttat	tananangat	naaanatata	780
aanngantna	tattntatan	ntatgaaann	tatnatacnt	attcactaan	nanntnnant	840
annntaaact	tnctgcnmmt	aaacattctn	anncatgcta	tataaactaa	gatatatgaa	900
annntaaagt	anatctacgt	natnacatac	acannaatcn	aatnttaact	tanataanta	960
tnctantcta	tagatctgta	aataactnta	tatttgctta	acnangnanc	agttactcta	1020
nctctctant	atntangnct	ccatattatg	nacccaannt	cnnnanatgt	ccaancattt	1080
atcttaanta	ntgancc					1097

&lt;210&gt; 2562

&lt;211&gt; 691

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (691)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2562

ncntgctgtc	ggttgantcc	nanaaaaancc	aaacagttgc	tgtcaataca	actcccctta	60
ttttctctca	agtcacctgg	atcgctcctga	ccccgggaac	cccgtctgca	gcaccaggcc	120
ccctccgtgg	agaaaagatg	gagccggatt	aagcaccag	tgctaaggcg	actaagacgc	180
cactgcccgc	aggccctgcc	ggaaaatact	cagagagtgc	agcaggcgcc	gcgattcctt	240
agaaaagtgt	ggcgtggcct	ctcctgacac	agaaagccgg	ctcctggatg	cttaciaaagg	300
actggcccgc	gcaacaccgt	tgctcctcaa	cccgggccac	actccaagga	cctctactga	360
gcttcagctt	gctcaccgaa	aacggcgccg	ccccctctac	ccgggatgtc	ggagcccagg	420
agaccctgag	agccccccagc	tctttccgta	attgcaggag	aaggggcaag	cggttccgta	480
gccggggggc	ctccagtggc	attatcctga	accgccacgc	ccgcacgtgg	cccggctaga	540
gctccctggc	gaaggatcac	ctgttcctac	agtgcacaact	ggacctggcc	cgaacccctg	600
gcattctggca	acattattac	cttgtcgaaa	cagaagtaga	gattgaaata	gangatgcag	660
ttccatttct	tctgctgtct	ggaaggaaatc	t			691

&lt;210&gt; 2563

&lt;211&gt; 773

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (773)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2563

gggctttcna	tttcattnnc	ctnntnaaac	acttntctct	gaanagcgtg	ntaggactct	60
gcaggaagag	gagaggtggt	gtgagagcct	ggagaacnnc	tnccccaaac	ttnnccnng	120
ctttnanaca	gggnncancn	atnnntgctn	acgntcagtt	ntntgatttt	tcttcnttaa	180
ncaanattta	ctnatatgcc	tttnnttttg	cntgggataa	acnccctanaa	gcctntgata	240

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tttgatnctg ctaatctatn ttcnctcttc tgcttnggan gacatggnc a ctgtttccag 300
tattttacca atanctngac natcaacggt ttcaacnttc tgancnaana tnaatnggcc 360
actgttttaa cntttcancc aaacnancca tgctcatctn aagnactatt gattgaagat 420
cgtcngcttg nccntttctt cttgannaaa ttttcttgan ttggctaata tgccccntcc 480
anacatctat nagcnaanga acttttgtn aaagaaanat ttccaaancc ttttctnant 540
ttccccacct tgttttacca aggctaattt nttgaatnaa cgggggggaaa aaaanaaatt 600
ccanaccggn gtggcatttt tcttttccaa ttttggnaaa ccacccctt tntcagaaaa 660
antttntttt taaatttttt taccaaaatc caagggtaaa accaaaaant ttttgncttt 720
nacccttttg gttncacant tcnttttttc cccctaaacc ccnccaactt ttt 773

```

&lt;210&gt; 2564

&lt;211&gt; 709

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(709)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2564

```

nnaccncgnt cgantccgtt gctgtcgccg agtgacagag acncnatact ntgattggca 60
atnaaatgtg aaacccannt tcttgggcaa gtcaaattct ggaatcacat ccacctaaat 120
taaaatgact ngctcgatatt ttccccatct tcaagtttca catcctgggc atcaaaagac 180
tcgacagcaa gacttagaat gaaaaagggt acttgtttat attaataattt ttacttgaa 240
cacgtgtagc ttgcagcagg ttcttgatga atgtgctttg tgtccaaaat gcctccccat 300
tgtacacagg tgtacatcat gcatgcacca acacctaaaa ctcaaaaacta aatggctatt 360
ttgtaagggt aatactttca gttaaacagc atgtttgact tgattccatc atgggtgctct 420
taaattacat gtcagtgcac cacaatatc atgatcta atgcagatgact aggttttttc 480
caaaaggaag acagaccctc agacaccaa agccaatcta aacaactccc aggtttgctg 540
tggacaatca gcatggaatg gtttctgcac tctcagtcac gaccatctgt atcttgnatc 600
ctgctttctc tctcaacacc acagttctca ancctgacct tncagagaga gctnttgatg 660
gatacaagan gaatcccagg gccccggatc taagatgccc cttaaaaga 709

```

&lt;210&gt; 2565

&lt;211&gt; 706

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(706)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2565

```

taaccatnnt tcgantccgt tgctgtcgcc cgccgcctct ncaagttctt gtggcccccg 60
cgggtgcggag tatggggcgc tgatggccat ggagggctac tggcgcttcc tggcgctgct 120
ggggtcggca ctgctcgtcg gcttctctgtc ggtgatcttc gccctcgtct gggtcctcca 180
ctaccgagag gggcttggtc gggatgggag cgcactagag tttaactggc acccagtgtc 240
catggtcacc ggtctcgtct tcatccaggg catcgccatc atcgtctaca gactgccgtg 300
gacctggaaa tgcagcaagc tcctgatgaa atccatccat gcaggggttaa atgcagtgtc 360
tgccattctt gcaattatct ctgtggtggc cgtgtttgag aaccacaatg ttaacaatat 420
agccaatatg tacagtctgc acagctgggt tggactgata gctgtcatat gctatttgtt 480
acagcttctt tcaggttttt cagtctttct gcttccatgg gctccgcttt ctctccgagc 540
atttctcatg ccatacatg tttattctgg aattgtcatc tttggaacag tgattgcaac 600
agcacttatg ggaatgacag aaaaactgat ttttntctg agaaaacctg catacagtac 660

```

attccccgcca gaagnggttt cgtaaatacn cttggncttc tgatcc

706

<210> 2566  
 <211> 708  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)... (708)  
 <223> n = A,T,C or G

<400> 2566  
 tgacccntnt tccgntccgt tgctgtcgtc ctcgcagtg agaacctgcc ttggctcccc 60  
 tccccctcaag gagttcatag ccgtgggagg gagggagaca agaactgttg gagacaagaa 120  
 ctgttagaga ccagagagca agggcgtgat gtggtctgca gggaggaggc tgtctgaggc 180  
 agaaccgggt cagggaggcc atggtgcggg taccctccag gcacggcatt tggcctgact 240  
 tttgaggggt gcccagggtt ggctacatgg cggggcggag gtatcttttag tgggggaaca 300  
 gcgttgtgcc accaggagggt gtctctgtct ccaggtaga ggaattctcc atggtgagag 360  
 gtggtggtgg gggatggtct agctgtccac tcttgcccc ttccggattt ggaaggaaagc 420  
 cccatgctgg gtccacactg gtatggcgta ttaattaggc agctgctttg tctgggagggt 480  
 ggctttgtgt cgagtctccc tgaatgagca gggctggcga cagttgtcaa aacacatggt 540  
 gcttggtcag agcccccgta gaancccttg tcctccgcag ggcctccnct gcacccgggc 600  
 gtgggaatgt gctcttgtgt gtccctggct gtctgcttct ttttacctg gcccttcaa 660  
 atngangggg tgggggtaca ngggttnctt taaaaancan acacttgg 708

<210> 2567  
 <211> 709  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)... (709)  
 <223> n = A,T,C or G

<400> 2567  
 gacctcgatc gaattccgtg ctgtcgggtga ggagaacatg gatatggatg taatgtcctt 60  
 cccctttgtt ttctttgcac aaatttcagt ggaaacatgt tgccaagtca gatcgccatt 120  
 ctacttgagt gaatatggaa tttgtccagt tttccaaatg cagagctttt tgtgggctga 180  
 tggactgaat agaaagagga acaaccatac acccttctac agatgaaggc aagattttat 240  
 gaaagcgact tcattcgttc tcctctgcct ggtgttcctt ctttgtaaac caggaccagg 300  
 gagctttgaa tatagcagta tattatagaa tttggtttca ttaaatatta tacctgccct 360  
 tagtgtttat attccagtat attgacaacc caggtcctct ctgtacctgt gattgtctgt 420  
 gttgagacta ttacagagct ccaaaaatta aaataaaaat aataatttta cagaaataca 480  
 tatttgcatt ggaatattta agaaagttga gtttggatgc cacaagatta taggagtaat 540  
 aggaagctgg gcacagtggc tcacacctgt aatcctagca ctttgggagg gtgaggcagt 600  
 gaggcaatag gattgttga gcctangagt ttgagaccan cctgggcnac ataaggagat 660  
 cctgtctctt cattaagtaa atttaaaatg aattaactgg tggngctgt 709

<210> 2568  
 <211> 1078  
 <212> DNA  
 <213> Homo sapiens  
 <220>

<221> misc\_feature  
 <222> (1)...(1078)  
 <223> n = A,T,C or G

<400> 2568

agnggncgac	ccccntttt	ttggngggaa	aaaaaaaaa	accccccccg	ggggggggggc	60
ccttgggtan	canaacatta	ccctnggggn	acccgnnccg	gncnaanagg	agnncccccc	120
nccaaangnt	ttaaanggtg	gtngtggttn	atgcccnaac	caaacaannc	ggngaaatgn	180
atggnccttn	naaaaacacn	ncaatntttt	ttttntcaa	tgggtntana	tacnaagcgg	240
naanaatcan	nnacagngna	acangggngg	gggcgccana	ttncntagac	atngccnanc	300
taggcacccc	ncctattatt	tcaactggga	atnncnaatc	agnantatna	accacttccg	360
ggtngccnat	gataagaaaa	aaaattannc	nnagtnccgc	atggngnact	atatgnatng	420
cgnaaatnca	nnaagtaant	aagaaacnag	tttttcanca	ttnaaagcta	ccnctcttgn	480
anagnancc	acangctgaa	tatatctgaa	tgntcangan	aanantcaga	ttaaataattn	540
ttggagcnnn	tacatagacy	catnangnna	gnnaatcacc	nnncaanaga	ncnnnnaaac	600
anacacntca	ccnnnananc	tgacncacan	cnncganaca	nacacgngg	acagaganca	660
gnannacatc	accacacac	aannnnanac	aanccgananc	agatacngtc	gnanacnaga	720
cctctcgtcg	ncgacgnnnn	tgatgacacc	anacatgcaa	ntgcaagana	nnccaccagan	780
ctcnaacaaa	anatggatgc	aacacgcacg	acgnacgnna	gnnagaccct	acacncttgn	840
atgnaagata	cnntnccnn	acanagntat	naacggacct	agangananc	gcantntctn	900
ttanaaagcn	ncgaangctc	ccaanntcaa	ngnagnngng	anctcacntn	cgcataggat	960
cnaaaaancgc	acggaannac	tagancggct	agnctangna	ntccacgcna	ataanacatn	1020
actcannngn	annnnanncn	nnnaccacag	ctatanacnt	gncgtaaacy	tancgcgc	1078

<210> 2569  
 <211> 1452  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1452)  
 <223> n = A,T,C or G

<400> 2569

ccttctnttt	taacnnntat	ctntanctaa	anattganna	gatnaanggg	ttatngataa	60
tnggatantg	tatnnttnan	gggtatnnn	aacnanttat	nttntgggn	ggtngtanana	120
tnnanattaa	ncctaatnta	ntnngataat	nttntncat	ncnaagagg	tgtananttt	180
aatctttggg	gttttatng	taantataac	nngaagcna	ncataagtan	gntanntnt	240
nnntcaaaag	antaccatt	ttannaatnn	cnnttggggg	ganatatata	ttagtccccn	300
cgnggaangg	ncccccctt	gtttgatgg	ngtnatntta	cttatcnnta	tgtntagnta	360
tgntncnnnn	atatntanta	tatctagnta	nntaannnat	acatatctac	cntatagtca	420
naaatngngt	acattttttt	tnatntnnn	ntanttnact	aantatacta	ctantaaant	480
tnntatacnn	tnntaatnta	nacannnacn	gnacnntant	taanaatatt	cntcatncat	540
tngataataa	tnnttnaanc	ncnatanttn	ttatatantg	antattgaaa	catanatntn	600
tataactatn	ctagncttta	tatncnaaaa	nannngtcnn	attatncatt	ctattngact	660
antttatacn	nanananttt	tatnacattt	ttcannatct	ntntantana	nttnaatcta	720
aattnttncn	ataannntnat	nttangatnn	taacgtntta	ntatntaatt	atnaatatnt	780
antantntgt	aatantaatg	atttaanatn	tttnaagata	catngaacta	tcgantatta	840
attatgtant	tatctantta	atacnaaagt	tatatangga	atnatntctn	tcaatatnaa	900
tggtanaata	tatacttant	acgtaattaa	atanataata	taaagtgnaca	tatatnaang	960
tacnctatnc	actctnanta	tagtnttana	tanaatacta	nttnatcgat	atgtnatcgt	1020
tannttatnt	actattatat	attctntgan	ngtatnttta	ggtnntntatc	ttatnacagn	1080
nmatgtaaac	ntatctctaa	tantntntna	gtannntatc	ntnntatnta	cttatctaat	1140
ctatattaat	cnttgttatt	ntnccttnc	gtactatgtg	atatntatna	tanantactt	1200
ganaannata	tnntatgaaa	ttatttatn	natgttatta	tannntgata	tantacatat	1260

nttatatann aactntattn tntantctn tgttacanan nnntatagan ncanagtnta	1320
nntaagntat cganatnnta gatannttat gnnatngatc nctatcnaa atanccgtnn	1380
ntgattntac natatntaat ttnatnnata ngatatncaan cntattnacn atnatntnt	1440
ntatcnatta nn	1452

<210> 2570  
 <211> 761  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(761)  
 <223> n = A,T,C or G

<400> 2570	
acncatcatc cgnntgcnc tntanncccg ntanntcttt antgtctgca cntgnaanca	60
tncnttngga gctccncnat actanggana cgcncctgac gctacnaaca ncnagatgaa	120
atatgtatnt atgnangccg atagnggccc nncatgggtca aaanaccgcn cntaacgccc	180
nngantnnat atctggcttn ntcccatnng tgnccnccgtg caataactna gctgncnct	240
gtcnantecn ntntnnant nngcnagntg agtnntagtn tttggcattt acagtntttt	300
antatttaca gttgatgatg aaanattcgt gaggtgctgc caaatataca tcaaaagggtg	360
gagcttgnt ggccaactng ccacctgatt taatcaacaa ctactagtgc tgagatgcan	420
aaagggggaa aatggaggaa ttatggacca aagtctgtct ttatagatga cantcacagg	480
acaaggggta ggctttgact tgcagactnc tntctttgct ctggncaccc ctgttnacca	540
caagccctna attggggcnn ttcanaant atntcttggg nggcccgggc nccggttngc	600
ccacattctt gntattnccc tncctctttt nggnaenget ttaancnnt gnttaaaanc	660
aaacgntaan gtccagggna anatttttat tancnaanc cngggccnna tntgtacgct	720
tgaanaaat cnccttnttt ataccaaatt catcnccacc t	761

<210> 2571  
 <211> 704  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(704)  
 <223> n = A,T,C or G

<400> 2571	
taccacgac gantccgtgc tgtcggagtg acctgttctc ctgagtgtc tantgtctcc	60
agttgtcggg gggaaagatg atggagggga acagaaactg gacttgatgt ttgcggtttg	120
agaggcaaga aaataaaata actttctacc tctaaattga ggcttaggag taaaagcat	180
tttgtcctaa atttatcatt taaaatagca tcagttaact ttgagctcat gtcaatcaag	240
cattggcagt cagagatttt ataggaaga ctaagtaaat ccagtttcca agaacctaaa	300
ctgattgagg ctccaagagt cagaccaaca aaagttttat tctgtgtgt ttactggtaa	360
gaatattatt atcttgatac tacctctcaa gggattgtt acaaaatgcc acttatggtt	420
aaagagatag atacaaagag ttctatttga cagaagcttg aaactctggc atctatctgc	480
ccaacgatgg gggctttcgt tctgtaattt aatcctttgt agatcattat ttgtgtgtaa	540
ttttatacgt gttcatattt ttctcatttt gcattgngta aagtgtacaa aatctcaaag	600
tatnaaatac tgcttatatt gcttgtaatt acagngtgta aatattttct aattgggtca	660
ttgatggggg ggacaagtgg gttttcangt ttttttaaat gcc	704

<210> 2572  
 <211> 1078

<212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1078)  
 <223> n = A,T,C or G

<400> 2572  
 gaatatngat cttgtgtant cggagaagag gtgngctccc cttngccccc tcagcgagcc 60  
 cagcgtgggg accactcttc cggggagcaa ggccacgccc ntggggggcac ttctcaggcc 120  
 agacagattg atttncngc atgcggatcc ctggtnncncn aaaatagttt tgtttgaatg 180  
 cnattctntt ttngngnngg tacgtntttt nttttnttcc anttaacatt cttntnntat 240  
 nnananaaaa atntattaaa aggtngntat cccattatta aaaaaagnag aacntnttgg 300  
 tanncccttg angaagaaag ccctggtnaa nnatteccat tgcnnancnc ctaaaaatnn 360  
 gnactttttt cgaaaacana tncnnttat ggactnnntt tgtaattttt ttttanaaaa 420  
 attatgggtan ttaattttat attngtaact natnctgnta tnnattaata tnnctatgat 480  
 atantncatg tngcctacnt ntaatanttn ttantatttg tnnnacnatt attttctctn 540  
 ttcnactnnn aantctttct aanatttgat cgtnnatnaa ttnntatttt tattattatn 600  
 natgatttaa gttcttttat tttttttatt naatattata tatnttaaat atcttatctt 660  
 ntcnttnnag anntatattn atntgttaat tatttatagt antatatact tactctaate 720  
 actnnnactn nttntttatn tntacatnn ttnctnntta taactatant taatatatta 780  
 cattaaatgt attanngaaa tataattntc nntatcttat tttannanac gatantatnn 840  
 tattntacgt atgaatatan tnagaaatnt tatttatgct ttanataata atctttngta 900  
 ntttatttaa tnatanttat tttanaattt ctaatgatnc tntatacatn gtcnatctta 960  
 acatatntta gtntatnaaa gattttaga tntaanntaa gntcttctn gtnatngnat 1020  
 ctaatntatn tctntatnaa antatantaa gttangnta tctctatgct ntnnancn 1078

<210> 2573  
 <211> 1060  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(1060)  
 <223> n = A,T,C or G

<400> 2573  
 ccnngtctn nanntntn ntanaannat tnnntnann ctnntttcna anataatnaa 60  
 ntntatnatt gggngnanc atcntaantn ntntatagna cntcatncc acnnannng 120  
 agngttatat aatagntatn nnntntntna tntgntnnn nnnnnnnnnn nnnnnnnang 180  
 ataaacantn ntcnantccg ggggctgtna ttntgcactc cagcccnng ctaataagta 240  
 gggaaactcc gtctcaaaaa aaaaaagtan ccatantent nngggaagac cttacngnag 300  
 agacttgta gngganacct gaaggaaatg aaaagggaag gagtctgtnc tgatntctag 360  
 gaggaggaat ntccagcn gacggaanag aggcacaatg tctttgagga aggggcatgt 420  
 tgggcatgt cagaggacnn nnaggaggcc aaantgggtg gagcaaaaaga gccaggggg 480  
 agaggnattn aaaggaanaa caggccaaat ggccataaaa tntgttngc cttgatggg 540  
 acattggccn tgaccctgat caaaataggg ggtgacagc nacagggaat ctagggagga 600  
 ggcttgngng ctgcncattc atttgaggan acccntatca tgtggaaact actgtgnaat 660  
 annnttttg ggtanntccc ttttaaaaaa acnngtcat tttccggtt tngcncctt 720  
 gtgggcttna caccctnta aatnccnaa ctaatttttn gggaangccc aaagggttg 780  
 ggncaaaaa caancnttg aaggtncann gaattttntt aaaaaanctn anctctttga 840  
 anccaaanna tngngngtaa aaaaaacct tcnngnnct tttcaattnt atagaanaat 900  
 taccctaaaa aatttttctc ctttngtaa annggtgngt aggnacnca aaataaaccc 960  
 cngtgagaaa attnccccac annnttttac cttttgngg ggaaaaaaa tgaaaanggc 1020



ccccgngnnna aaaanaattn cgnctcttna gaaaaccccc

1060

<210> 2574  
 <211> 737  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(737)  
 <223> n = A,T,C or G

<400> 2574  
 aaccacgacg gantccgtgc tgtcnggnna tnaataattt atggacactg ctggacctca 60  
 gtctcctcat ctgaaagatg agtgggttggga gaagttaaag ggttttcaaa tgcttttttt 120  
 ttcagtcttc aaataagtgt ttacgtagaa gcaccatata tgaacagggtg acagtggacc 180  
 agtctgaatg aaatgagggg tggcaggcct gagctccaaa accttctgat tgcccaagcc 240  
 ctcccttgctc tgcttggtat atctccacac aaatggagaa actggacaag gtgggtcatgg 300  
 aggtccctga aagctcaaag actttctcat tccaggattc cccatgttca tatgccagca 360  
 tggcatgggg gtgctctgta gtcaagcagg gtcctttggg gggcttangg atggagccag 420  
 gaaatggctc tgggactcag cgggtgtcca gantctcctc agcanggttt ctttactttc 480  
 actgagtggc tgggtgcctgc acacttgagt ttgcccagct tacttctcac aaaantgagc 540  
 tttntctgaa gccccccaac tgnaaacccc ttttccnttc ctggaacctn ggtncggact 600  
 tggnggncct gaaaccaccc caaggccctt tcccccantg ctgntgggaat gggncaaaact 660  
 ttttttttgc acccctccnn ggtttgnccc aaatnnaacn cttgataaaa aattnctnga 720  
 agcccaaaat gccctcg 737

<210> 2575  
 <211> 706  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(706)  
 <223> n = A,T,C or G

<400> 2575  
 taacnttnan cnantccgtg ctgtcnagag gagaacaaac tgggtgctga agccatggtt 60  
 tccttgggaa ggtggaccca cctgtgcggc acctggaatt cagaggaagg gctcacatcc 120  
 ttgtgggtaa atggtgaact ggcggctacc actgttgaga tggccacagg tcacattggt 180  
 cctgagggag gaatcctgca gattggccaa gaaaagaatg gctgctgtgt ggggtggtggc 240  
 tttgatgaaa cattagcctt ctctgggaga ctacacaggc tcaatatctg ggatagtgtt 300  
 cttagcaatg aagagataag agagaccgga ggagcagagt cttgtcacat ccggggggaat 360  
 attgttgggt ggggagtcac agagatccag ccacatggag gagctcagta tgtttcataa 420  
 atgttggtgaa actccacttg aagccaaaga aagaaactca cacttaaaac acatgccagt 480  
 tgggaagggtc tgaaaactca gtgcataata ggaacacttg agactaatga aaganaagag 540  
 ttgagaccaa tctttatttg tctggcccaa atactgaata aacagttgaa ggaaanacat 600  
 tggaaaaagc ttttgaggat aatgttctaa actttatgcc atggngcttt caagttaagt 660  
 cttgngtctt ttggcagaat aaactttcaa ttattaaaaa ggactn 706

<210> 2576  
 <211> 712  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(712)  
 <223> n = A,T,C or G

<400> 2576  
 tacctcgtc gaattccgtg ctgtcggacg gaaaccatgt ttgtggctcg cagcatcgcg 60  
 gcggaccaca aggatctcat ccacgatgtc tctttcgact tccacgggcg gcggatggca 120  
 acctgctcca gcgatcagag cgttaaggtc tgggataaaa gtgaaagtgg tgattggcat 180  
 tgtactgcta gctggaagac acatagtgga tctgtatggc gtgtgacatg ggcccatcct 240  
 gaatttgggc aggttttggc ttctgttct tttgaccgaa cagctgctgt atgggaagaa 300  
 atagtaggag aatcaaata taaactgcga ggacagagcc actgggttaa aaggacaact 360  
 ctggtggata gcagaacatc tgttactgat gtgaagtgtg ctccaagca catgggtctt 420  
 atgttagcaa cctgttccgc agatggtata gtaagaatct atgaggcacc agatgttatg 480  
 aatctcagcc agtggctctt gcagcatgag atctcatgta agctaagctg tagttgtatt 540  
 tctttggaac ccttcaagct ctctgtctca tcccccatg atcgccgtag gaagtgatga 600  
 cagtagcccc aacgcaatgg ccaanggtca aaattttgaa tattaatgaa aacccccagg 660  
 aaatatgcca aaagcttgaa actcttatga cagtcactgg atcctgttca tg 712

<210> 2577  
 <211> 993  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(993)  
 <223> n = A,T,C or G

<400> 2577  
 nncncttacc gantccgtnc tgtcgggaca ctttgtgant cccattngan gangcnctgg 60  
 tgtgtgngng ggatgaggtg ctggtgtgcg gatggatgag gtgctggtgt gtngntggat 120  
 gagatgctgn ngtgtggatg gatgagatgc tgggtngtgg atggatgang tgctntgtgg 180  
 atggatgang tgctggtgtg tggatggatg acgtgctggt gtgtggatga ggtgctggtg 240  
 tgaggatgga ccacnttng gttttcncgt ttnggcactn ngngtgantn cncctttctg 300  
 ctcttgcant tgnnncctgc gaaanttcnc cggacanng catacatctt tgtatgcacc 360  
 ggcacactt tgggnanatg attncgtnc tctgttngg ttngggaana nannatata 420  
 aaatgtncct tnttcttaca tnttatcctt nncaccccn cctntgngng ctcccaagnc 480  
 nattnacctc cactgnttc tatcctcgc cncgantgtc gtnatncaga gggngatccc 540  
 actcaacntt tttnggatct cctttcnaa gtctttnnat nantcctnn tcntttncct 600  
 ttgtaagtct ntnaatgnta gctctccana aatattctnt cccttgcggn naaaaaanan 660  
 annagaccct cactcttctg nggctntgag agcacacntc aactcctctc ccccatcttt 720  
 nctnttnttt naacnnctat attatcncta ttatcactct ntggtaagac gtnacccnc 780  
 tnntaaccan tatnnctttn cgttnnatann aacnnctct ttatcattag gggactcttt 840  
 ttntaganat aatntcttac atangcacgc nttnaaaata ntacactcgc ggtcnnncac 900  
 tctantant atncaactnn cccncccc cccctntctt cntcnnccc ntcttnttg 960  
 cnntctctng tnttntact tccnatntan ncc 993

<210> 2578  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)

<223> n = A,T,C or G

<400> 2578

ttttnnnccc	ntgaantaaa	aaaactagca	cantcnnant	tgctnnntga	agataagaac	60
cataacatgt	atgttgacagg	atgtacagaa	gttgaagtga	aactctactga	ggaggctttt	120
gaagttttct	ggagaggcca	gaaaaagaga	cgtattgcta	ataccattt	gaatcgtgag	180
tccagccgtt	cccatagcgt	gttcaacatt	aaattagttc	aggctccctt	ggatgcagat	240
ggagacaatg	tcttacagga	aaaagaacaa	atcactataa	gtcagttgtc	cttggttagat	300
cttgctggaa	gtgaaagaac	taaccggacc	agagcagaag	ggaacagatt	acgtgaagct	360
ggtaatatta	atcagtcact	aatgacgcta	agaacatgta	tggatgtcct	aagagagaac	420
caaatgtatg	gaactaacia	gatggttcca	tatcgagatt	caaagttaac	ccatctgttc	480
aagaactact	tnnatgggga	aggaaaagt	cggatgatcg	tgtgtgtgaa	ccccaanct	540
gaagatttatg	aanaaaactt	gccagtcata	agatttgcng	aagtgactca	agaagttgaa	600
gtaccaagac	tgtaacaagc	atatgtggtt	acccttggga	ngagatcaaa	accacctcga	660
ggncagtggg	aatga					675

<210> 2579

<211> 667

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(667)

<223> n = A,T,C or G

<400> 2579

tnnctgtctg	tcgattacat	ntnctngctn	aggcgtggc	agctgaagag	cgtgttagga	60
ctctgcagga	agaggagagg	tgggtgtgaga	gcctggagaa	gacactctcc	caaaactaac	120
ggcngctttc	agaaaggagg	cagcaattgg	tggagaaatc	aggtgagctg	ttggccctcc	180
agaaagaggc	agattctatg	agggcagact	tcagccttct	gcggaaccag	ttcttgacag	240
aaagaagaa	agctgagaag	caggtggcca	gcctgaagga	agcacttaag	atccagcggg	300
gccagctgga	gaaaaacctt	cttgagcaaa	aacaggagaa	cagctgcata	caaaaggaaa	360
tggcaacaat	tgaactggta	gcccaggaca	accatgagcg	ggccaggcgc	ctgatgaagg	420
agctcaacca	gatgcagtat	gagtacacgg	agctcaagaa	acagatggca	aaccaaaaag	480
atttggagag	aagacaaatg	gaaatcagtg	atgcaatgag	gacacttaaa	tctgaggtga	540
aggatgaaat	cagaaccact	tgaagaattt	aatcagtttc	ttccanactc	cacagatcta	600
gaactntttg	gaagaacgaa	acctagaggg	aatggaactt	gaaanacctc	attnctgatn	660
agacttg						667

<210> 2580

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2580

taacctcgnt	cgattccgtg	ctgtcggtan	accaagatag	ccaagtggaa	cctgcaatca	60
agaatgaata	agaatgaggc	tatagtgatg	aaagaagcaa	gtaggcaaaa	aactgtagct	120
ttaaaaaagg	catctaaagt	ttacaaacaa	aggcttgacc	attttacagg	agctattgaa	180
aagcttactt	cccaaattag	agatcaggaa	gccaagttgt	ctgaaacaat	ttcagcttcc	240
aatgcctgga	aaagtcatta	tgagaaaatt	gtaatagaaa	aaaccgaatt	ggaagtacag	300

```

attgaaacaa tgaaaaagca aatcattaat cttttggaag atctgaagaa aatggaagac   360
catggaaaaa attcatgtga agaaattctt agaaaagttc actcaattga atatgaaaat   420
gaaactctga atcttgagaa tacaaaatta aagactacac ttgctgcttt gaaggatgaa   480
gttgatctg ttgaaaatga actctcagaa ttgcaagaag tagaaaaaaa aacagaaaac   540
ccttattgaa atgtataaaa ctccagtaca aaagttgcaa gaagcactga aatagtaaaa   600
aagcagatgt gaaaatttgc ttcctaaaaa ttaccatta ccaaaaccca aaataaaatg   660
ttagaagatg aaaggcccat ggagtctcac tgaagggtta gage                       704

```

<210> 2581  
 <211> 1252  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (1252)  
 <223> n = A,T,C or G

```

<400> 2581
nnaacnnnngn ncaaatcccg tgnctgtgca gccgccgect cccccccna cactgnnccc   60
tgcggtgntn gaaaacacca cctgatggcc atgganggct acnnnnagca accgggggtng   120
ttctgtcaat atcaantnng attcattaat ntctgacat tactggacaa gatggnacnt   180
gccatncana aagctagtng ttntntcnta ttntttccta atacnacnga gnnanactan   240
cntatnnntn cntnttgnc nngatttang nnnncntnnn aatnntaana atcntcnana   300
tnatcttnan ncntnatnnn ttctananna ntnaacatta nattacaann cttacaaant   360
ccanantnna atantctctc tanatagaat atggcaataa tntatnctat cgtngtagt   420
tctcatantt atcnantgct natatnnagt ntaactncca catactantt canactatat   480
nnctatcanc tcaactctctn ttacggntcc taentaaac tcnatacntc tctatnttnt   540
antatctatc nctctntnta tatntctage cactnnnnct tancctcata aagtntnaat   600
cacannntnt ntntntgatn tcttcatata gagctaantc ancatatant atttcataat   660
atcgagtatn atncnganat ctgntctta ntactnnngna tatacacnac atatatcct   720
nantccaatn attannnanc nctatatanc natctctant cncactattc tcnegctgat   780
nacantagaa atacnnatat ancacctctn tccnanaanat tntcnacnca tctnacatcn   840
nttgactcc actactnaaa acnngnacat gtcactctata ntantctntc tatatacagt   900
nmatnctcna atanactcgn ctttcanaaa gntnanacga tanatgannn tncnnacnca   960
taatcttnac ctactactca natgganntt gctctnataa taccagncca tggncncatt   1020
tcacttttnn tacactgatn tctntatact naaanannat agtatgttca tgnactcac   1080
ncatntncaa ttccanatan tgtntgtntt atcgtncacn tctgagatcg atctnatana   1140
tancnantcg cnttatncan actcnaatcc tagagnccat cactccnacb ntaantatat   1200
ctntacatnt gatggcgntn tcnctntctc atctntcana aacnagatng cc           1252

```

<210> 2582  
 <211> 1306  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (1306)  
 <223> n = A,T,C or G

```

<400> 2582
cctcttcccg nnngtntntn tcntntgaat gtnntntatg ttntgtgtnn tantgntntn   60
tntgttctnc atngtgtttc tgnntttgt aantacnntn natatnantt gtggagnnan   120
ataacnatnn natatnantt ctngatgatn nntnncnna ttaancntga tcgantccgg   180
ggctgtnttt ctccgcanag ggccctgcc ttgntcttc tataagacaa ggngtncata   240

```

```

atnnggggnat gaccttgaga caanaactgt nggngacttt ttctgccata gaccagatng      300
ctatggntga atataatggt ttgntnecan ntctannatg catanntgnt tantctnttt      360
tcggnnngng nnnnatnnng tcgttttntt tnatctctca tnaatnctnt nctctattnn      420
cttatngngt gtnnecgtgt tcntgnntan ttntgtngnt cttanaagtt ttnanaaatt      480
ttngntntga anttacnaaa nnttgnttnt gannttnttn nnattgtnta nancnntntt      540
tccatntnat ttttatccga tatntnttnn tcntttcentn tgttctctta ttngatttat      600
anttantnna ctgtntctac attntatnag attctagtct gtatgattng nantntcnnt      660
anattatggt ntccnggtgn ntgtaanaaa nncangttat gnnatgataa tttagnnann      720
tctggtcnnn acatcttnc nctaactatn tntntgtctg tgattnnanc nntcatantt      780
tngantttct ttcttttnng aattaatatn nntngantgg tgaatgnnca tatcacnttg      840
cgcntagcta cttatgtacn ttttctctca cagcacnctt tcatacattt atagatgca      900
gnannntatn tngattngca ttctatagtn tngtatttc ctctaactct ctntgtgna      960
acattgcgtc tntnnntaan gatntacata agcnatanca tnnnatntt ntntntcgtt     1020
nttgtntntc ntcnntggta tntatatnnn tcttatagtn antntgtnta tnantaannt     1080
cttntnatan tatcatagct tttagggtnt aatantacgn ggntatntcn nttacctag      1140
tgtantatat natatntntt aatacatctg gngnctgngn acntnnctt ttnnttatct      1200
atatctatga ngngtntcca tatnancnt attgngatag ggggtntctg gtggtnacca      1260
ctnnngantg tctnttatat ntntnntn tntnacnatt ctctnt                        1306

```

&lt;210&gt; 2583

&lt;211&gt; 728

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(728)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2583

```

tacctcgntc gantccgttg ctgtcggaac cctcaacaga cactgccgta acgaatgaat      60
gggagaagag gctttccacc tccccgtgc gactggccgc caggcaggag gatgccccca      120
tgatcgaacc acttgccct gaagagaaaa tggaaaccaa gacggagtcc agtggaatag      180
agacggaacc caccgtgcac cacctgccgc ttagcactga gaaggtggtg caggagaccg      240
tgttggtgga ggagcggcgt gtggtgcacg cgagtgggga tgcttcttac tcggcgggag      300
acagcgggga tgctgcagca cagcccgcac tcacaggcat taaagggaaa gagggctctg      360
ccttgacgga gggggctaaa gaggaaggag gggaggaggt cgctaaagct gtcctggaac      420
aggaagagac agccgctgct tcccgtagc gacaagagga gcagagtga gccatccaca      480
tttcagaaac tttggaacaa aaacctcatt ttgagtcctc aacggtgaag acggaaacca      540
tcagtttttg cagtgtttca ccgggaggag taaagctaga aatttccacg aaggaaatgc      600
cagtagttca caccgaaac ccaaaaccat cacatatgaa tcatcacang gtcgatccca      660
ggccccaaga tcttggaagc ccaggcgtgc cttgatgagt gccacagacc gatcaccttc      720
ttgaaact

```

&lt;210&gt; 2584

&lt;211&gt; 710

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(710)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2584

```

agcctntnn atcccgtnge tgcgctctg tttctctggc taatgtattt ttatcacacc      60

```

```

caagaaattt aacgtttata agatgtaatc atttaataata ccaaccatgt gtatactgct 120
tcagttgctc ctcagattcc tgaatctaata cagatataaac actttgcatt ttgtttaccg 180
gtctctctag tcttctgtaa ttttccagc ttttcccat aatactgatt tttttttcag 240
cattaaagct agctctcttg tagagtagtc cacagtctga atttatctga ttgtttcatg 300
attagattca gattaaatat ttttggagaa atacagcata ggtgattttt tttccctggt 360
gcattatata aggaggcatg aaagggttagc ctgcatgatt attggtgatg ttaaatttga 420
tcacttgatt aaggtagagt ctgctggtag aaaacataacc tttgaaatta aaagttatca 480
gtaaccaaag attatcttgt tcaatgacca tctctcatct aatagggttt gtcatttatt 540
tatgatcctt gccagaatca gtgattacct tagtggttgc aaaatattga ttttctactt 600
caagagatgt gttaaaattt ctttttaaaa attgttacct taagatggcc cttggctata 660
gtaatcattg ctctttttat ttanaatgga ttaggaagtn tgtgagaagn 710

```

```

<210> 2585
<211> 1453
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1453)
<223> n = A,T,C or G

```

```

<400> 2585
ctcgctcctt atnnantntt aannctgtgt nctatgtat gntnganata tcntctantt 60
nggattangt atctattgan tttttttnta cnggggtcnt attnacntat tncntttac 120
ancatgggtt ntnnnntntt nnttaccnng atcnannccg gggctgtntt tggtcaccga 180
gatgcgcctt ctgggacact tccccttggg gccatcatcc ctgctcctna ctttcttcc 240
tctccccttc ccatgngatg tgntgcttga ttgtttttac cctcncant tttttnatan 300
tantctntnc aatanncant ntatancttt antntcnact tnttnanact atnatcttct 360
ntcnntaact cactnttatt nttncntttc tatgatgaan nttntntnta ntncgatttg 420
acnagntntt atgataatct nataactctc tcntaatata tnanntntng ttttatnttg 480
ttacctngta tcnnttact tatnttnact ntacntatct ntntctantn tnntatttaa 540
ttcttanact attctaanc gcactnttct attgtantta ttaatgnnc anntngtcc 600
tncntcteta tacacancta ntacattant nntagntaac tatcnnnntt attntctgtc 660
cgtntttctt cnttangntg tnnntcanat atgatnctg tttgncnact ctgactatcn 720
gnacattttc tnggtattcn cagggacnct cnctcntcat ntcatnaca nncatntatn 780
ctatacnta ncttacnaat nantacnntt ntcanatnt cnatcntnctn tatagtntnt 840
tatnttatct ataantaatn taagtacntn attcttttta ctgtcncnaa acaatgccat 900
gntatctacn tcatcnatta tntntctnn tacnangta ctatnmtctn ctctatctaa 960
atnatntctt cnaanncgta tagntatctt aatntantnn anataatacc tatngntant 1020
acgtatccta tcaanatnat cgnnacnct tgatctgtta tnttantnta ntaacatanc 1080
ttcntatcta ngttaagnat gtatatatna ncnmacatna nntattctat gcntaantat 1140
cttatnntat tanntcancc nctctcnctn tcntatactt tcntaaacgc actatatnnt 1200
gtanatntaa ctaancnct ctctatctat gttcacctnt tatanaaatc tatcatacna 1260
ttananntcg atngtatcta tntctnttct catactngt ntctgnaacc ctnttaccag 1320
catcacttat ttctngatna nctatntaat ttccgntacg ctannctnt atgtaantnt 1380
nttnnnaact natntctcan cccntcnta tctaaanngt tacncataat ntacctgtct 1440
cncgnncatn nnc 1453

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```

<210> 2586
<211> 711
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

&lt;222&gt; (1)...(711)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2586

tnaccacgat	cgantccgtg	ctgtcgaaat	tttccagttc	ttttttcagc	ttctttattt	60
cctcctaattg	gaaacattat	ctttaaaagt	tgcatatagg	aaatatacat	attttacggt	120
tgaacaagga	gatttaattg	taaatatgaa	agccaaagta	ttcctgaatg	gtcaaataca	180
gcaataaagg	cagaagaatt	aagatttttc	tttgttccat	tgtacagtgt	aaataactaa	240
gttggttaact	gtcaagtcca	gttatgtatt	ctgtaagttg	tgttctagtc	tttgactaaa	300
atztatcatc	tcttataatg	ggacttaatc	tttctctaaa	agcatataag	agcttggtcaa	360
tagagcaatc	aatcaaaaag	attttgtgat	tcataacatt	gaagttagtc	tggttaagag	420
ttttgggtta	gacttcattt	atattttcct	tactaatatc	taatatatta	tgaataatga	480
tcaatttttt	ataaagttat	taatatgata	agggaaacct	ttgggacttc	tgacaggcat	540
ctgggtgaaga	gacaattcaa	gccttagtga	ctatttagaa	tagccagtga	tcactagcta	600
attctcatat	ccatgccttt	ttgtcctgtt	tacagtctta	aaangangtaa	aacagcaaat	660
attttttttaa	gggactatac	cttaaggatt	cctgaaaaag	aatttcaaaa	a	711

&lt;210&gt; 2587

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2587

taccncgntc	gantccgtgc	tgtcngcctt	ttaatagttc	cagtgagggtg	agagctggat	60
gagggtgggta	caacagaatc	atcaaaaatc	tggccgttga	tgggacctca	gagtcacttg	120
aggaagcaac	atttgagcag	catctaggag	ccttctggga	aaagatggag	aaaactaaag	180
acgttagggt	tattgcaaac	caatcaatca	tactcactga	tcacctacta	gaggaaacct	240
gtgataaac	ttgtggggag	atttatagaa	agaagacgta	tttgacatc	aggattttac	300
atcatgatgt	gtgcctgtgt	gtgtctgaaa	aatactagca	taacaagctg	gtgagtacac	360
tatgaaaaaa	aacaacaaca	cctacttcat	ttggcagagc	accagaaatg	agggggtaat	420
gagggtcctgt	ctttgtggca	tggtaaaaaa	aaaaaaaaat	tgccctttta	attcagtttn	480
ttnttctgaa	atgaaaaaag	taanatttac	cccctgaata	cttgacagga	tgtttgcaag	540
gcttggttaa	ttnttgtaaa	tgttttgagc	tcctntgang	ngtgtgttct	ntaaatagga	600
ggtttaatat	caccgtcana	ctgaacaaac	tganttgagc	tgcantnntt	ttccgggaaa	660
naaacccaac	cccntaaag	cntgaccccc	ttctgggntt	gcnc		704

&lt;210&gt; 2588

&lt;211&gt; 726

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(726)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2588

tacctngnnc	gattccgtgc	tgtcnnactg	antaggtngc	gcngtncana	ctnacacagc	60
acctcgnttn	tacacaggag	anngaaatgg	ccgtactttn	agaactgcag	tgcttgtgag	120
gggatattnc	ngccnnnga	ntttnngatg	tncatggnc	ttgtntnaag	gtnnngngnn	180
tnnccnntat	gtggactttg	aatggtncat	caaaagattg	gtttttgcag	agatttttaa	240

```

gggggagaat tctacaaana antgntacct nnttannncn ncntnaanga tganaatcct 300
ggtngaagnt ngttnaaaaa nngctaaatt acntagacnt angcattanc nntnngngn 360
nncaatntng ccaccnctn tggnatcatc tagagtgaat gttaccaana tngcattcta 420
agntctattt aactgactcg cactgnatga cgaattttaa aaccttctt gnatnggntt 480
ancaaaactg tgcntcacca ttgcacantt antgtcctat ctatncatnc gaaactttgg 540
ggggcctggt agccnacact tnaggaccng gccatctcat tgggactcat tgatggcttn 600
tntncntana aacantttnt gttttnaacn gggatnacc tcttntttan gggatttttt 660
tttngaccc caannactan tttgagnatn ttnnttttgc gcaaaaaaaa atgggtttct 720
ttannt 726

```

&lt;210&gt; 2589

&lt;211&gt; 1444

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1444)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2589

```

cccccccn natattannt gtgtcnact nnanggagtn nttnttttn ctctnnnagt 60
tntangttaa tcttnatnan ncntncntcc agatacatag angcntgggn tnttcccca 120
tngcccttan ngggnntttn taanaanta atccncnnt attgagcatc ntttncgcn 180
atnagaacnc ngggnntatt ttngaactag gaanatcggt cacnncntng cnggtgagtt 240
catgattaat anattacana ngtggatnaa nttnaaanac gtcagtanan ctatntnta 300
nnctnagana gngtgantgn antnncnnac gaacngannt nntatngtac tntctgangta 360
ggntactaaa ttacctnnan ataatanacat ctaagtatng tgggtctcta atgttatgaa 420
ngntacgctn ttaanngttn gttnttgccg gntanntanc naaacatann taactantgg 480
tgacaacatn tngntcagen acnntctctt aannatggga angnacanat gncngnatcg 540
tacattangg ctcnggtatc atgagnnctg ntnataanaa ataaggatan ntntccntaa 600
tggaattcta antgtatggg canataaaan gtanntgaaa ncgnntngcn aattgctacg 660
aanantgnat gcaatagnng aagcgatgtt aagggtncgc tctntacgn anatatatag 720
tnttgnatnat ancgatcnta taannttatt ttatgtatat cttnnacatt ttaagtaca 780
cgtgaangan nttgccanng cannattaca tnacattgnt ntnagtaagt gatnggnaca 840
ngcttaggga aatcantgag cncagggnat ntnaatatna tcggnttacc nttaggtatn 900
ngaanatgnn natgtaaaag ngttcnnaat atatactntn aacgatctgn nangtgtang 960
gagtnttcta acacanggtt aatntacggg nagtgagnga aannnattan gtatncatat 1020
anaatngtga agcaaagaat ntcgaacnct tanntcacnt tcagctatnt aagctngagt 1080
acacnagcat tnnntcntna nntaancaat ngctacacgt ctanactngc natatggtag 1140
agnatcacan gaacgtactc ntttatnctc aggaatnnat gaacgggtgag acttntnaac 1200
gtntacangn naggaaatat natncnatgt ctagnatna cnaatatntt ctaacngacn 1260
aatnangtan tnngttgnnt aannacntcn tgnctatnt tnnattnttc cacatantat 1320
atncngaaga tcaatatntnt atcatnactg tatgntagac nanttggtan tantaanaac 1380
gnagcnctan acnntnncgc aggantatnt annnacntng tacgnctnct atacnnntan 1440
nncg 1444

```

&lt;210&gt; 2590

&lt;211&gt; 739

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(739)

&lt;223&gt; n = A,T,C or G



&lt;400&gt; 2590

```

naaccacgat cgaattccgt tgctgtcgtt gtccttttct aatagttcgt gtttttagaaa      60
ttcagaacaa acaatttctg aatgctcctc agaacgccaa ctcaggcaga gaatctcacc      120
gaaatagaga agaagctcat gctcctggaa gaaacagccc gaggagagcc gctgggccac      180
atctggccac tgtccgcagc gctgtcagat tgctggggcc acatctggcc actgtccaca      240
gtgctgtcag atccaaggag agccgctggg ccacatctgg ccactgtcca cagcgtgtgc      300
agatgcgcac caaacctgc tttgggtgtg aggtgggttcg tctggtagcc tcctttctta      360
agggtattta atctgtcga aattgttttc atgtatgcaa tagatgttac tgtaactgtt      420
ttataagtg cattgtcttc accttggcag gctctgtgcc agtctgtgtc tagtctgatg      480
ccattcctgc acacatacat ccttgcccca ncattttgga nggctggagt taaggataa      540
tctgtgtggg gacttaatat taactatttg ggantgggaa cttaatatg gatcctcatg      600
gtccaactgg gcccacctt tcccaaaacc caaaaaaang gntgaanaat ttntcttttt      660
taacaaaaaa cattttaacg attaagggcc aatacttntt aaaaatnagg ttaattaaag      720
tttnattncc ccaccaat

```

&lt;210&gt; 2591

&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(704)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2591

```

naaccncgnt cgantccgtg ctgtcggcag agcgaaaggt ggncgagtc tgaaggaggg      60
cctgatgtct tcattcattct caaattctta ggacggctcg gccctggaag gaacgctctc      120
ggaattggcc gcggaaccg atctgcccg tgtgtttgtg aaacagagaa agataggcgg      180
ccatgggtcca acctgaagg cttatcagga gggcagactt caaaagctac taaaaatgaa      240
cggccctgaa gatcttccca agtcctatga ctatgacctt atcatcattg gaggtggctc      300
aggaggtctg gcagctgcta aggaggcagc ccaatatggc aagaagggtga tggctcctgga      360
ctttgtcact cccaccctc ttggaactag atgggggtctc ggagggaacat gtgtgaatgt      420
gggttgcata cctaaaaaac tgatgcata agcagctttg ttaggacaag ccttgcaaga      480
ctctcgaaat tatggatgga aagtcgagga gacagttaag catgattggg acagaatgat      540
agaagctgta cagaatcaca ttggctcttt gaattggggg ctaccgagta ctctgcggga      600
gaaaaaagtc gtctatgana atgcttatng gcaatttatt ggtcctcaca ggattaaggc      660
accaattatt aaggccaaga aaaaaaaaaa aaaaactcct ggnn

```

&lt;210&gt; 2592

&lt;211&gt; 1481

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1481)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2592

```

cnccccnncn ancannngng ntgaaagntg tgntgatgga tatnnaantn antatatggn      60
ntatattaat gttttatnng taccctntn aggtntnta nntagnttn tctttcctat      120
ngtnnnnnnn nnnnnnatga ntaccnngnt ngaatccggg gctgtantcg gcannngtc      180
ccccggctng nganaattat tatatnnata ttacgnatan nnatacatta naattgtttt      240
cntcttaaaa tttggggggg tttttttnat ntcgagnatn antntnaat nngcgatttc      300
tctatacnat tgtcnatnta ntanccttat atnangatct nctatgcatt anancatgta      360

```

ttntnnatgt	gtntgtann	attcttntgc	nttgntntat	naaatcncgt	tatttataag	420
natngtagna	tnnttttatn	aatacnang	cngtanttat	mntnctattn	agtntntaat	480
tagttcnaag	naanttatta	canatnaatn	ttntatana	nggtagntag	ctgtgatgcn	540
atcgaaactnt	tatntnatat	gtatattngc	aaaggactan	ataatngtat	gttatntnnn	600
cntncnangt	acgtgncnna	aggatcgat	gtnatnanct	gcnnccgtana	natnnngann	660
ntatttnangt	natngatntn	atcgctacgt	tnngcnaaa	tatcgttcct	attttntctna	720
ncnnanntat	gntagantat	gagnantata	ccntacgtaa	gganntatna	tatnttgtgn	780
tatcgtaant	naaacgtant	atancgtntg	ngatgtgcat	nantattana	mnttanngaa	840
tganntanga	ataggngnnn	tgagtgnagt	aatntncata	tttnngtata	nattgcnccta	900
ngnacgtgtc	tgaagtntgt	ntatngctct	cattatttat	tccgancgct	antatttgtt	960
atgtantgat	tacctanntt	angtaatatn	tattnagnnc	tcttgcaagt	tatntgtnta	1020
gntatggnat	cnactnata	taanatanta	gttgnttatg	anatctaatt	gnangtacia	1080
nnaantcaan	gtnatattna	atnacgatga	gnancgtnan	attagnntat	nntactgtaa	1140
tttaggctat	atagtattnt	gnntancnaa	anannacna	tcttntncat	tcnccngatn	1200
mntctatctt	tnccangntc	aagcaatnna	tgntnancta	nanaggtagg	ntcatannta	1260
gtntatnnta	ttaattagcn	atnttcgtat	cngcacnana	tagntantat	antttannnn	1320
atnttaggnt	ctgtattata	tnantcncct	ngagttntnn	cnnaagtata	gnnctacatc	1380
atgtncatcn	tantnttgga	nanatcncnc	gtntttgatg	actgnagtga	ntaanntaen	1440
agatngaata	tatnngngct	atctaaaact	acnacgttan	g		1481

&lt;210&gt; 2593

&lt;211&gt; 756

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(756)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2593

ttnccttttt	cnaattccgt	tgctgtcggn	acactttgtg	atttccatta	aggccaactg	60
cattgactcc	acagcctcag	ccgaggccgt	gtttgcctcc	gaagtgaaaa	agatgcaaca	120
ggagaacatg	aagccgcagg	agcagttgac	ccttgagcca	tatgaaagag	accatgccgt	180
ggtcggtgga	gtgtacaggc	caccccccaa	ggtgaagaac	tgaagttcag	cgctgtcagg	240
attgcgagag	atgtgtgttg	atactgttgc	acgtgtgttt	ttctattaaa	agactcatcc	300
gtcaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	360
aaanncnnnn	nnnnnggggn	tttttttttt	tttttccnna	aaaaaaaaaa	nnnttnnnngg	420
ggnnnnnnccc	ccccccctnt	tnntttnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnt	tnnnnnnnnn	ttntnnnnnn	nnntnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnntnnnnnt	ntntnnntnn	nnntnnnnnn	nnntnnnnnt	nnnnnnnnnt	600
tnntttntnt	nnnnnnnnnn	nnntntnttt	tnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnt	nnnnnnntnn	ntnnnnnnnn	nnnnnnntnn	nnntnnnnnt	nnntnnnnnn	720
tnntntntnn	nnntnnnnnn	nnnnnnnnnn	nnnttc			756

&lt;210&gt; 2594

&lt;211&gt; 684

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(684)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2594

```

cccataactcn catntccagc tctatgctca gagaattacc agaaaataaa attacatgaa      60
gcttgaatat agggagatgg aaagatatta gacaaatatt aaagaaaatc tgggccaggt      120
gtgggtggctc acacctgcaa tcccagcact ttgggaggcc caaggtggga agattacttg      180
aggcaagggg tttgagacca gcccgggcaa catagtgaaa ctctgtctct ttaaaaaaga      240
aagaaaagaa aagaagaaa gaaaagaaaa tctcagttag tgatggtcag aatagaattc      300
aacataacaa gctcattatt aaaatatatt atctcactgt gtacaattct gaagacactc      360
attcatgtac ttcattaaat atttctagtt tgctaaaaat agaattaccc ttcaaccag      420
caatcccatt actgggtatc taccaaaagg aaaaaaaaaa tcattctatg aaaagatgcc      480
tgcacttgta tgttcacac agaactatct cagtagcaaa gacatggaat caaccangt      540
gcccatcaac aggggggactg gataaaaana aggggtggta caccggcccc ccttgggaat      600
actattgccg ccctttaaaa aaaccatgga aatcctgtnc ctttgaata acntngattc      660
cactnggagg gcatttttnc ttaa                                     684

```

&lt;210&gt; 2595

&lt;211&gt; 708

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(708)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2595

```

taacctcgnt cgantccgtg ctgtcgnttt ccactattga cactgccccg ctgattcaag      60
cttttggcca tgaaagagta tgcttgtcac ccagacgaat taaattatat agcagcatca      120
ccaaccaaca gaggagatac cttgagaagc ggagcaaca cagcaagaaa gtgctgaata      180
cagggtcatcc cctagtgact tctgagcaca ccagaaggag acacatccag gtagcaaac      240
atgtgatttc ttctgactct atttcctctt ctgccagtag ttctctgagc tcaaactcta      300
ctttttgcaa caagcagaat gtacacatgt taaacaaggg catacaagca ggtaacttgg      360
agattgtgaa cggtgccaaa aaacacactc gagatgttgg gataactttc ccaactccaa      420
gttccagcga ggctaaattg gaagagaaca gtgatgtgac ttcttgggtca gaagaaaaac      480
gtgaagagaa aatgctcttt accggttatt ctgaggacag aaagttaaaa aagaacaaga      540
agaattccca tgaaggagtt tcctgttggg ttctgttggg aaatgtggag tctagatcaa      600
agaaggaaaa cggtgcctaac acttgtggcc tgggcattctc tgggttgaac ccattaccaa      660
gaaccgaccc tggaggggagc cactgnggga gcaaacctgt cangggct                                     708

```

&lt;210&gt; 2596

&lt;211&gt; 694

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(694)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2596

```

gngctgtcac actgaagttt tgttcnagac actttgggct tcgctgattg aaaacaccac      60
accaactgaa aaatcactgt gaaaaagaac ctggtagtac tgtcaatatc aagtaggatt      120
cattaatttt ctgacattac tggacaagat ggcttcgtgcc attcagaaag ctctttttct      180
ttcttcttct ttctaatac agtgaggcat acaacgtagc ctgccttatg gtttaagtgg      240
gtgtatgact tgtaaaacttc cctcttgcta ttaaagatta tataatggga agttcattgg      300
ttttgaaagg cagaccaaac ccacccatgg gatttctatt ggcttttttag atgtattgca      360
tttctctgag taaacccatg tggctgagaa atagttagta gcttgttggc tgactgtggg      420
aaaacctatg aaggatcagt tgatctcatt tgggcaggag tcagaaatgg ctgagaatct      480

```

```

aaaactatat atatgaggat gggttttctct tgaatgttga atctttatct taacatgttt 540
ttgtgttttag cttctggagt tgcctaacag tataatttca aatgagggtt aatttcagct 600
gtttaatttt aaactgtang ggaacatgat taaaaaaaaa ttaaaggctt tatcatttgc 660
cttaaaattt taatgggttg gtataaaaaa gant 694

```

```

<210> 2597
<211> 712
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(712)
<223> n = A,T,C or G

```

```

<400> 2597
tgacctcgnt cgantccgtg ctgtcggcct aagcataaaa ccaaaattat aaaactccta 60
gaagataaca caggagaaaa cctggatgac cttgggttg caatgacttt ttagatacaa 120
taccaaaaggc atgctccttg aaagaaataa ttaattgaga agccagaagg caaaatggta 180
cagccattttt ggaagacagt ttggccgttt ctcacaaaac taaatatact cttaccatac 240
catgcagcaa ttatactcct tgggttttac ccaagacttg aaaacttggt tctacacaaa 300
aatctgcacg agtgttttaa gcagctttat ttttatttat aattgccaaa gcttggaggc 360
aagtaagatg tccttttgta agtgaatggg taaactatgg ttcacccaga taatgagata 420
ctattcaatg ttaaaaaata ataagctatc aagccatggg gagagatgga ggaaactgac 480
atgcatacta ttaagtgaag gaagcccatc tgaaaacgct acgtactata tggttccaac 540
tgtatgacgt cctggaaaag gcaaaacttt ggaaacagta aaaagatcaa tggtttagcag 600
gatttgggca ggggaangga tgaataggca gatcacagat gatttttang agagtaaaaa 660
atgcacngna ttagaatgga tggatcatat tatccatttg tncaaaccon ct 712

```

```

<210> 2598
<211> 860
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(860)
<223> n = A,T,C or G

```

```

<400> 2598
cgncctcgnt cgattccgtt gctgtengcg cctgcctttc ccatctgtct atctatctgg 60
ctggcaggga aggaagaagc ttgcatgttg gtgaaggaag aagtggggtg gaagaagtgg 120
gggtgggacga cagtgaatc tagagtaaaa ccaagctggc ccaaggtgtc ctgcaggctg 180
taatgcagtt taatcagagt gccatttttt tttttgttca aatgatttta attattggaa 240
tgcncaatth ttttaatntn caaataaaaa gtttaaaaanc ttaaaaaaaa aaaaaaaaaa 300
aaccnccnngn gncctttttt tcttaaaanc cnancctnaa aaancccttt nnnnatttng 360
nccncccccc cnntaaantt cnnnncnntc ttactntntt tncnattttt ctttttantn 420
tnnnntctnc cntcatttct tnttnntttt tttnnanncn tntntnctcn anttctntac 480
tntnnnatte actnctctac ttncntttct actnttttnn nnanntcttn cntnnntnta 540
tctnctctnn tcactntntt nnnnnnttnc tectnncnnt cnntnnnctc ncttncncnc 600
nccnncatte nttnnnnnntn nntattntnn nnnncnncan ctntnctncc ntncnatntn 660
ctnnnnntnc ntctnnnctc nttnnttate tnnnnnnctt cttnnanntn cntcnntnt 720
cnntcnnnct nancttttnn nnnnnnttatn anntctcnnt ancactnnnt tnttncatnn 780
nncttntntt nnttntntn atntnctcnn tancntntt tancnctact ctcantntnt 840
nttnccttnn nnnnnnttnc 860

```

<210> 2599  
 <211> 939  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(939)  
 <223> n = A,T,C or G

<400> 2599

cnacnacnnn	nnannnnnnn	nnangngnna	nannganaan	naggnantan	nnnngannnn	60
nanaanannn	nnnangggga	gancangnan	ngannntaan	nccacnnnnn	nnnnngaggc	120
gaannnnnaa	agtanannnn	nannannnag	nannnnnann	nnnnnnnnnn	nnnnntaana	180
cccttgngaa	aaacccgggg	gctgtnaaaa	cnncgcngag	gncccgctgn	ngcnggaana	240
gtagaatcaa	gaaccgagga	ttttacatgg	gactggggagg	acgagcaaaa	ggaggcttac	300
cgaatccgga	gatcccgagg	aggaggaaga	ggaagaggag	gaataannng	naagaactgt	360
cacaggtang	gaaacatctc	agnaaaagca	gggattgagc	ttcatgaaat	nctaaggggca	420
tatnaaggag	caangacttg	aaaccnngta	aganaanggg	ggtggaataa	nctctgatac	480
ntccatngnc	antggagagn	naaaggngag	agccacggaa	agcacgagac	agntcngngt	540
aaggggnctt	ttncagttgn	ggaancaggg	agcaaanggc	atcnagaggg	nccngcaaca	600
caaancaata	tgcttannag	agggatnaat	naanaacnnn	ggagctaggc	atgngaggcn	660
tcgagcctgg	naaactacaa	cactntggga	aggccaaggn	aggcggagaa	taccaaccn	720
gaaacaaacg	gtagagaaaa	ccccatctcn	actaaaaaan	caaaaaatga	gncngggcgt	780
nggnggcaca	ancccggnan	ncccanatnc	ncanaaagct	nnagggcang	aagaaanncn	840
tcgaaaccag	aacaagcaga	angtaggagg	nccganatnaa	aatagagcca	gatngnggan	900
ccaacangng	nnaaaaagaa	caaaaacatc	naccnaaag			939

<210> 2600  
 <211> 711  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(711)  
 <223> n = A,T,C or G

<400> 2600

gncacgatcg	aatccggtgc	tgctcggggtg	agagagatgg	tggtctggac	acttcccctt	60
ggtgccatca	tccttgetcc	tcctttcctt	cctctccctt	tcccatgaat	gtggggcttg	120
atttgtttta	ccccttaagt	gggctgaaga	tgtaaagctt	aacctcttcc	aaactagatg	180
ctttgagggt	ccagctgtca	ctgagaacag	cttggtagct	ggtgcagcgt	accagcgtgc	240
agaggcagca	ttgttcagct	ggagcctcac	tgctggagcc	tcattctacca	gagggtcctt	300
tccatactgc	ctccatgctt	cgctgtagaa	tcaggaggcg	accacagcag	cagaacactg	360
ccaccctagg	atccagagct	attgcacaaa	attcacacac	aggtgtggct	gtgacgtgtg	420
gccataagca	tcttcttcct	ttatggcaca	gtttctgagt	gtagcagagc	ttgatggggg	480
tgagcccaac	acccacactt	ctcctcactg	ccttctctcc	ttctcagcac	ctcgttaactg	540
aggctggctg	aaggaaagga	agcaccagag	atgattcccc	aggtgttttt	aggtcaggag	600
gcactggcat	gaggcangct	ctgcagttgg	gtatgacctg	ccctgcttta	cctgggacca	660
gaaattnctg	ggaanggggc	tctcaacgct	gaaatggtga	tgtnngggna	a	711

<210> 2601  
 <211> 710  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(710)  
 <223> n = A,T,C or G

<400> 2601

nacacgntcg antccgtgct gtcgctgggc tagaacctca ntctagtgtt caaaggagct	60
ggcagaatgg gttgtctcgg catggaggac ccaaaagcag agctccctgg tgcttttggg	120
gagagtgaag cccttcattc cactcctcat tgcagaccag ctttcctggt attcatgcac	180
tgctttttgt aacgcctcaa atgaaggcca cagctcagcc aagtagaaga gagctcctaa	240
taaatgaagt ctgggtgcct ttgaatttat aaaataatca aagttgctat ttcctgctaa	300
ggagacagat acagaacagg tgataggcca cagtcattac tgcctccctgc ttgttccttg	360
agccctcggc cttctacett ttctaactgc tgtcagaacc ctgggttggg acttcctttt	420
gcctggttct cctgggcttg aatggcaacc tatattgaca gatttcatgc cacagtcttt	480
tttcaaacia gatgattcac aatggaataa ttgggtttgg gaagaagcct ttttaagca	540
aactatggaa aataattgat gagtagcgca gttttataaa actttttttt ctattaccct	600
tttaaaaact atgttgctaa ctgcacatca cactgcattc atatnctggg gactaatacc	660
ccttgacctt gccatttgaa ttaangngga aaaaaggcca taagtnacat	710

<210> 2602  
 <211> 715  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(715)  
 <223> n = A,T,C or G

<400> 2602

naccncgac gantccgntg ctgtcggaga gtggaggcca gagaagacca aagctgagga	60
atgcgacctc aggatttcct tctttctggg gatagttctc tttaggagga agaggagtta	120
gccccctcact tgcttatccc tctcctatgc tctggagtgc ctctccacc ttgccccac	180
cccacattgc cccctcctgc tcggtcagtg cctggccagc tcaggcagct tgcgtcacag	240
taaggtaaag ccagaatgag ttttaggtct gagtgagatt ggaaaagcca ttcctctgac	300
cctccccacc tgctcccgtc tctccaggca tctacctgc aagaggacac tgtgaggcgc	360
aaaaaatgtc ccttccagag ctggccagaa gcctgtgagt gctgttgaca cgcacccttg	420
tgcacacaca tcccccttct ctttctgtct cctacacaca catgtacaca cacacacaca	480
cacacccgc acttcacaca tgtgctgggg gaagtcccca gaagcatgca ggtactttcc	540
ctggagtcag tggggggaaa agggctgcca agtctaccag tccgcttgcc aatagatcaa	600
agatcgcttg agcaccgcga gtacttgta aaaagtttan aaatatgagg cctangagaa	660
ggtgtcctaa gaagatggcc aanaagacct attnccatac anctnttgct nattg	715

<210> 2603  
 <211> 707  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(707)  
 <223> n = A,T,C or G

<400> 2603

naccncgac gaatccgtgc tgcgcccgc ctccatagcc ttctttccgg gcctgtttta	60
agagcatttt cagaatacac acagaaacag gcaacatttg gacacatctc ttagggttg	120

```

tattcttctt gtgcctgggg atcttttata tgtttcgccc aaatatctcc tttgtggccc 180
ctctgcaaga gaaggtgggc tttggattat ttttcttagg agccattctc tgcctttctt 240
tttcatggct cttccacaca gtctactgcc actcagaggg ggtctctcgg ctcttctcta 300
aactggatta ctctgggtatt gctcttctga ttatgggaag ttttgttctt tggctttatt 360
attctttcta ctgtaatcca caaccttgct tcatctactt gattgtcatc tgtgtgctgg 420
gcattgcagc cattatagtc tcccagtggt acatgtttgc caccctcag tatcggggag 480
taagagcagg agtgtttttg ggcctaggcc tgagtggaa cattcctacc ttgcactatg 540
tcatctcgga ggggttctt aaggccgcca ccatagggca agataggctg gttgatgctg 600
atggccaacc tctacatcac angagctgcc ctgtatgctg ccccgatcc ccgaaccttt 660
ttncctggca aatgtgacat ctnggttcac tctcatcaac tggttcn 707

```

<210> 2604

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 2604

```

tgcttgcaat taaattcncc gtctcagttc aagagtgaat atagcaactt atgtgaacct 60
gagcagtttg tgggttgat gagcaatgtg aagagactac ggccacggct cagtgcattt 120
ctctttaagc ttcagtttga agagcaggtg aacaacatca aacctgacat catggctgtc 180
agtactgcct gcgaagagat aaagaagagc aaaagcttta gcaagttgct ggaacttgta 240
ttgctaattg gaaactacat gaatgctggc tcccggatg ctcaaacctt cggatttaac 300
cttagctctc tctgtaaaact aaaggacaca aaatcagcag atcagaaaac aacgctactt 360
catttctctg taagaaatat gtgaagagaa gtaccctgat atactgaatt ttgtggatga 420
tttggaacct ttagacaaag ctagtnaagc tntgtanaaa cgctggaaaa gaatttgagg 480
canatgggaa ggcagcttca acagcttgag aangaattgg aaaccttttc cccctcttga 540
ggacttttga ttgacaagtt ttnggacnaa agatgnccaa gatttggtat cnagttgcaa 600
aaagnacaaa tatgagacac ttttcgaagt ttacacgaaa acnntgggaa aagttattcc 660
cgaantttaa taggnatact tttgcccatt gatttgaaaa aagg 704

```

<210> 2605

<211> 743

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(743)

<223> n = A,T,C or G

<400> 2605

```

nnagatcagc tcttgttctt ttgacaggat cccatcgatt cgggatccctc caggctgccg 60
gctgggaagg cgtgggcgac ccggtgtgtg gcgcgcccag agccccgct ttcagcccta 120
gggaagggaag ccagttgagg gaagttctcc atgaatgtac gtcacaaatga tgatgaccga 180
ccaaattctt ctggaactgc caccattgct gaacggagag gtagccatga tgccccactt 240
ggtgaatgga gatgcagctc agcaggttat tctcgttcaa gttaatccag gtgagacttt 300
cacaataaga gcagaggatg gaacacttca gtgcattcaa gatgaagtgg tgaagagagc 360
ctgcgattga agattttttc atctcagctt tttccccctt acctgttct ctctcatggt 420
tcatgatctg tgtcatagat atttcttcat tacgagcact tcgcggtgtg gcttttcaat 480
gtctgaagtg gattaagtgg cccacagtca gttctgtgac ttgagtttca aaagtnaaat 540
taccatcaac aatgtgattc aattttattt tctatactag ctaaaagcaa ggaactatat 600

```

tattaacaat cttggcttta ctgtagtta aggcagggtga tgatgatgct tattagtcca 660  
 cctgaaagag tccttccang tttttggaac cttattcctg cttattacct tggccttgaa 720  
 aagtccttca tggaaagtgg aat 743

<210> 2606  
 <211> 675  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(675)  
 <223> n = A,T,C or G

<400> 2606  
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 ctagggaagg aagccagttg agggaagtgc tccatgaatg tacgtcacaa tgatgatgac 180  
 cgaccaaatt cctctggaac tgccaccatt gctgaacgga gaggtagcca tgatgcccc 240  
 cttggtgaat ggagatgcag ctgagcagggt tattctcggt caagttaatc caggtagagac 300  
 tttcacaata agagcagagg atggaacact tcantgcatt caagatgaag tggtagaagag 360  
 agcctgcgat tgaagatttt ttcatctcag ctttttcccc cttaccttgt tctctctcat 420  
 gtttcatgat ctgtgtcata gatatttctt cattacgagc acttcgcggt gtggcttttc 480  
 aatgtctgaa gtggattaag tggcccacag tccagttctg tgacttgagt ttcaaaaagt 540  
 aaaattacca tcaaccaatg tgattcaatt ttatttttct atactagcta aaagcaaggg 600  
 aactatatta ttaacaatct tggctttact gtatttaagg caggtagatga tgatgcttan 660  
 taatccccct gaaaa 675

<210> 2607  
 <211> 756  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(756)  
 <223> n = A,T,C or G

<400> 2607  
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 aatgtacgtc acaatgatga tgaccagcca aattcctctg gaactgccac cattgtctgaa 180  
 cggagaggta gccatgatgc cccacttggt gaatggagat gcagctcagc aggttattct 240  
 cgttcaagtt aatccagggt agactttcac aataagagca gaggatggaa cacttcagtg 300  
 cattcaagat gaagtgggtg agagagcctg cgattgaaga ttttttcac tcagcttttt 360  
 ccccttacc ttgttctctc tcatgtttca tgatctgngn catagatatt tcttcattac 420  
 gagcacttcg cgggtgtggct tttcaatgtc tgaagtggat taagtggccc acagtcagtt 480  
 ctgtgacttg agtttcaaaa gtaaaattac catcaacaat gtgattcaat tttattttct 540  
 atactagcta aaaagcangg gaactatatt nttaacaatc ttggctttac tgnangttta 600  
 aaggcagggt atgatgatgc ttattaantc ccacctgga aagaagttcc cttcnnggtt 660  
 ttttggaagc ttttatttcc tgctttaatt aacctttgcc cccttggaag aagtcctttc 720  
 attgggaaaa gnggggaaac anctgnggtt tgacnc 756

<210> 2608  
 <211> 732  
 <212> DNA



<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 2608

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tgtcaatgag ttacactgcc ctgtgtgttt ccacgtcaac tgctgtctct gcaaggccat      180
ccatgagcag atgaactgca aggagtatca ggaggacctg gccctgcggg ctcagaacga      240
tgtggctgcc cggcagacga cagagatgct gaaggatgat ctgcancagg gcgaggccat      300
gcgctgcccc cagtgccaga tcgtggtaca gaagaaggac ggctgcgact ggatccgctg      360
cacctgtcgc cacaccgaga tctgtgggtt caccaagggc ccacgtgagg gccctggggg      420
ccatgagac accagcgggg gctgcccgtg cagggtaaat gggattcctt gccaccaag      480
ctgtcagaac tgccacttga gctaaagatg ttggggccac atgtgaccc agccccacat      540
ccacattctg ttagaatgta gctcaaggag cttcgtggac ggcttgctt gcttctaanc      600
gtttgtaagg gccctgcctg cactgcggtt gtacaggtca catctgcccc aatgcctttg      660
tccttccttg gggcttgccg gcagactttn tatccctgcg nttccaacct ntgctgaccc      720
cagcttaaac at                                     732

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<210> 2609

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 2609

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cttctttgag gatgatgtca atgagttcac ctgccctgtg tgtttccacg tcaactgcct      120
gctctgcaag gccatccatg agcagatgaa ctgcaaggag tatcaggagg acctggccct      180
gcgggctcag aacgatgtgg ctgcccggca gacgacagag atgtggaagg tgatgctgca      240
gcaggggcag gccatgcgct gccccagtg ccagatcgtg gtacanaaga aggacgctg      300
cgactggatc cgctgcaccg tctgccacac cgagatcttg ttgggtcacc aaggccacg      360
ctggggccct gggggcccan gagacaccaa cgggggcttg ccgctgcagg gtaaatggga      420
ttccttgcca cccaactgtc aaaactgcca ctgagctaaa gatggtgggg ccacattgct      480
gacccaaccc cacatccaca ttntgttana atgtagctta agggagcttc gtggacggcc      540
ttgcttgctg taacgttgta aggggccctg ccttgactg nggttgcca cggtcacatt      600
ttgcccctaa gcctttgtcc ttccnttg ggcttgccgg ncaaaaacttt ttttncctt      660
ggggnntccc accttttgnc ttgancccca ancctttaa aaataanccc cctgggccaa      720
aaggcctttt cnttgggtng ggaanccctn ttggggggaa ctccattaan ttctttccca      780
ancanaaaaa aaa                                     793

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<210> 2610

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(767)

<223> n = A,T,C or G

<400> 2610

gnnnntnnn tttatanata caagctactt gttctttttg caggatccca tcgattcgaa	60
ttccgttgct gtcggcgggg aggacgtacc ttgtgagatg cgagccggcc aacagcttgc	120
aagcatgtct cgctggaccc gagcctggag gctcccgcgt gagggactcg gccccacgg	180
ccctagcttc gcgaggggtgc ctgtcgaccc cagcagcagc agcggcggcc gagggggcgc	240
cgagccgagg ccgcttccgc tttcctacag gcttctggac ggggaggcag ccctcccggc	300
cgtcgtcttt ttgcacgggc tcttcggcag caaaactaac ttcaactcca tcgcccaagat	360
cttggccccag cagacaggcc gttaggtgct gacggtggat gctcgttaacc acggtgacag	420
ccccacagc ccagacatga gctacgagat catgagccag gacctgcagg accttctgcc	480
ccanctgggc ctggtgccct gcgtcgtcgt tggccacagc atgggaggaa agacagccat	540
gctgctggca ctacagaggc cagagctggt ggaacgtctc attgctgtag atatcagccc	600
antggaaagc acaggtgtct cccactttgc aacctactg gcaaccattg aaggccatca	660
acatcgcaag attaaacttg cccgnttccg tgccccaaaa actggcggga tgaaacaagn	720
ttaatttctg tcattncaag gaacatgggc cnttccggna ncacctn	767

<210> 2611

<211> 949

<212> DNA

<213> Homo sapiens

<400> 2611

tggaaactat gtccctgcac ccaaagaagg ttcttttgaa ctttatggag accgagtcct	60
gaaactggga actaacatgt acagcgtgaa tcagcctgtg gaaactcatg tgtctggatc	120
atcaaagaac ttagcctcat ggaccagga aagcattgct ccaaaccctc ttgctaaaga	180
agagctgaat ttcttgccca ggctgatggg agggatggag attaagaaac ccagtggccc	240
tgagcccgga ttccggttga atctctttac caccgatgaa gaagaggaaac aagcagcgct	300
aaccaggcca gaagagttat cctatgaagt tatcaacata caagccaccc aggaccagca	360
acggagcgag gagctggctc gaatcatggg ggagtttgag atcacggagc agccaaggyt	420
gagcaccagc aaagggggacg atttgctcgc catgatggat gagttatagc tgttctgacc	480
aggcgtcttc tgccccagg gagaggctgc tggatgggta cccctgggga atgccccatg	540
gccagaatg atgctgctag ttttctactg agtgaagcca ttacgtctat ttcttattta	600
tggtgtaagg aactgtgtga gtctcccttg aggagcactc actcttgaag gcacacacat	660
acacatattt tcagtgaat atattctgac ttttaaaact gacctttccc attttattct	720
taattctgag gcaggagaat cgcttgaacc caggaggtgg aggttgcagt gagccaagat	780
catgccattg cactccagcc tgggcaacaa gagcgaaact ctgtctcaat taaaaaaaaa	840
aaaaagaata taaatcacca aataaatgtt aattgctccc taccattaa agttacactt	900
ccttacctat aaagacaacc tccccctcca catactcacg gaaaagtct	949

<210> 2612

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 2612

aattccgttg ctgtcgtgc tatcgaactc atcatcctta tggaggtctt caggggcccc	60
agagacactg cagagagtgt cagggatttc ctccccaca acagaattgc tgagggtctg	120
ggaagcatgg agggaggaag cagaattgcg ggaccactgg cgcantgnnn ggatcangag	180
ctatacttct tccngaactg atcnntgntn cctgcatntt ntgcacnagg nnnnaggatn	240
ancttntaat anannctgnt gtnntectn agnnantnnn gtnngttcta agg	293

<210> 2613  
 <211> 534  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(534)  
 <223> n = A,T,C or G

<400> 2613  
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 tctcaattcg tcaccrggag gaagacggag ctggctgccc agcccaaagg cccatgaggg 120  
 gatgcagtta tgggctctgt cgccgtggat tggtattttg tgtcagtaag taatccataw 180  
 wgtgccaaca tgggaaagaa acggwcaawg ggaaaaactg ttccaatcga wgattcctyt 240  
 gaarctttar aacctktgtg yakacacatt agaaaaggat tggacaagag taatttgaaa 300  
 aaggcttttag tgaatgtgga atggaatata tgccaagact gtaagactga caataaagt 360  
 aaagataaag ctgaagaaga aacagaagaa aagccttcag tttggctgtg tcttaaagt 420  
 ggccatcagg gctgtggcag aaattctcag gagcagcatg ncttgaagca ctatctgacg 480  
 ccaagatctg aacctcactg tctggttctt agtttgagca actggagtgt atgg 534

<210> 2614  
 <211> 454  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(454)  
 <223> n = A,T,C or G

<400> 2614  
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 acctcacgcc ctccatctac acagagtttc cagatgaaac cttgaggagc ggagagctgc 120  
 tgaacatgat cgtggctgtt attgactctg cacagctcca ggagctggtc tgccacgtga 180  
 tgatgggtaa cctggttatg tttcgaaaag actcagttct caacatactc attcagagcc 240  
 tagactggga gacctttgag cagtattgtg cctggcagct ctttctggcc cacaatatc 300  
 ccctggagac cataatcccc atcctgcagc acctcaaat acaaggagca cccagaggcc 360  
 ctgttccttg cctactggct tncaacttcc ggaaggagga aaaagncca ggcgagggga 420  
 gatgggtgga aggtgnntag ctgaaggccg ggcc 454

<210> 2615  
 <211> 592  
 <212> DNA  
 <213> Homo sapiens

<400> 2615  
 attttttagtt tttcgagtac accgtcccag aaagaaatac gctataacac ccaccagcct 60  
 gagggctgca ttgctgtgga agcaggaatg gataccctta tcatgcatct ctgcgaagaw 120  
 wctgatmcy wgmswrtcak wmkkyatct tgywgkagga tggatcttta tttcacgaac 180  
 agtccaagaa atgtgtccag gctgcgagga aggagtgcag tgacagtctt gttccactct 240  
 tacgagactg caccaactcg gatcatcaga aatggttctt caaagagcgc atgttatgaa 300  
 gcctcgtgta tcaaggagcc catcgaagga gactgtggag ccaggactct gcccaacaaa 360  
 gacttagcta agcagtgacc agaaccacc aaaaactagg ctgcattgct ttgaagaggc 420  
 aatcattttg ccattttgta aagttgtgtt ggatttagta aaaatgtgaa taagctttgt 480  
 acttattttg agaacttttt aaatgttcca aaatacccta ttttcaaagg gtaatcgtaa 540

gatgttaacc ctgtgtatatt agaaaattaa aaccttataa tattttttcta tc 592

<210> 2616  
<211> 682  
<212> DNA  
<213> Homo sapiens

<400> 2616

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taagtgtggc ttctagagtg tttgtgtgta ccccgcttct gactgcctag ggcgagtggg	120
catcctgtca tcatctccac tgtcccaagc agtcactagg tggcgcccg gccagctgga	180
accagccca tccctctcagg cagagcaggg tggcccgggc acactggggc tgccctctcca	240
gctcaggat gctcttgttt attctgggct cagaccctcc tctgtacgt ctcacacag	300
ctggtagaga cccaggagtg cctgattkct ccacaggggt ggcgcacagc tctgggacca	360
ctcagaagat gggatgtgtg ggtggaggat gccttgtctc ggtcagctca ttccctgcctc	420
cttcctgagc cagttcaggg cctgggggag agccagcttg gggtaggaag ttaataatac	480
tgtaatttg ggttgtgtt ggatttactt tgctagattt tctctttcac cacgtgtgaa	540
ctgtgggtga ggtttcaaag tagcttcacc ccacgtggct tggttcccag ggacagtcag	600
gcctcggggg cccagctatg tacaacgaag ctgtcgaagg agaagacaat aaagtcgtcc	660
gcagctgctc tgtgtgtttc tc	682

<210> 2617  
<211> 581  
<212> DNA  
<213> Homo sapiens

<400> 2617

aattccgttg ctgtcggaaa gttcgacaca gcaaactggc tgagtctgtg gaaaaggcca	60
ttgaagagaa aaaatacctt gctggggcag acccttctac tgtggaaatg tgttaccctc	120
ctatcattca gagtgggtggc aactataatc tcaagttcag tgtgggtgagt gacaagaatc	180
atatgcactt tggggctats acttgtgcca tgggtattcg cttcaagtct tactgtctcca	240
accttgytcg cactttgatg gttgatcctt ctcaagaagt tcaagaawat tataactttt	300
tgctccagct tcaagaggag ctgctgaagg aattaagaca tgggtgtgaag atatgtgacg	360
tgtataacgc tgtcatggac gtgggttaaaa agcagaagcc agaactgctg aacaaaatta	420
ccaaaaacct aggggtttggg atgggaattg aattcccgtg aaggctccct agtaatcaat	480
agcaaaaatc aatacaaaact tgaagaaagg aatggttttc agcatcaatt taggattctc	540
cagacctgac taacaaggag gggaaaaaagc cagaagagaa a	581

<210> 2618  
<211> 594  
<212> DNA  
<213> Homo sapiens

<400> 2618

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gacagcctca actcggccat ggcggcaagc atcctgcttt tcgaagggaa aagacagctg	120
cggsggaggt ctgggaastt gagcaggac aggagttacc actgaggacg cagaagtgcac	180
ttctgcttga ggacgtctgc agctcctcct acaccagcac actggtggga ggctggcgga	240
gtcagtgact atggcccccga cgttcaggag gaaggtgtga tgccgtcata cagttacagg	300
aaaaataaga acttccctcag aaagaacagg tccgaattct tccgtgctgcg tcaactgattt	360
tgaggttctt tttctcttg gtgacaatag gtgaccacg tggctctgtg tgtttttaa	420
aattgtccac caagaagcac tttgtscyca gaaagttcct gaagcatcat cctggcaggg	480
aggcgctgc tccaccagct ggtgggtgtt tgtaatcgcc aagcaccagc tataggtcac	540
agccacatca ctcacagctg atcactggtt ggtggaaaat aaactatgag cagc	594

<210> 2619

<211> 859  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(859)  
 <223> n = A,T,C or G

<400> 2619  
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 tagagagttt taatgaatac cttttcgctc ttcagagtc cttatgctat tgggaatctg 180  
 aagatactgc tctgttacta cttaaagaaa tttatcgaac aatgaacatt agtccagaac 240  
 agccccagca ttgatcaaac ttcagtttta ctgtactttc ttgtctgcac agaaagtccc 300  
 agtacaaact ccattgctga gaaaatcctc agaggacttt ccactctgc tctgtgatg 360  
 gatgacagaa gagtgattca ttaacaattg ctcagccaca attctcggat atagggattc 420  
 aaaagacagg ayacagaact aacacagtga aaaaaatcag taccacattt ggacagtata 480  
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 tatagtgtgc aaagtatat gtgatatac tgaagaaata tttgtagcat gtaaacggtt 600  
 atttctgttt cttaaaaagt attgttartg ggctattaaa cttggatttt tctttttatt 660  
 aatgcagtat gtncttttta tycaagtatg acttgttgag aactatagta atatgatttt 720  
 taagagattt atgttcnctt aaaatgtgaa ttgtacttct gagctgctta atcaggycat 780  
 ttatatttgt taagaggaat accagatcac tcatatccca ctgaatctga ggtttataat 840  
 ccnccaacg atgctggng 859

<210> 2620  
 <211> 988  
 <212> DNA  
 <213> Homo sapiens

<400> 2620  
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 ctacatcgga ccccccaag yatgtmgs swsgsr gaagc cacagtcgcc gccgccagg 120  
 scgtgtcctt ggctctgtcc tttgttccc tccgtcctcg ctcagttgtg atccagcagc 180  
 cccctcccc actgcctccc cagctctcag tgaccccgac tgtctcctga cttagccgag 240  
 gtaagggtcag yscmgcagac agggccagay tgrggwgtgs sgskcykwsc yrgrcacats 300  
 msysasgscy ctggcttact gggaaacagc gattgacctg tgcttctgac agcccccgag 360  
 acaccttgag gaggcgctc cttcccagac acacccccac gccccactg gacggcattg 420  
 gaggaaggga cagctgcttg ggttctaata ctcctgctct cttctctttt cccctccaac 480  
 cagttcaatc tcatccctcc cagcagctcc ccttccaccc cccggggaac tgaagattgt 540  
 cctggccgag acctgagacc tccatgagtg gaggaagag tgatctatgt ctcttcccc 600  
 agcagctcgg accactccca gcccccatc ccccggttcc ccaggggagc tggggaattc 660  
 ctgccaagca ccttgaatgg gaggggcctc acagagggca gggccagggt ccagcagggg 720  
 tgggggggtt ctgctctgcc cctgcccgtc cccacccagt cttgccctcc catcctctca 780  
 tctattcccc cgttgagagc ggaagatctt ttattttcta ttatttataa cttcagactt 840  
 gggccccctg ttctttcttt cccattaact tgagtgcct gtgtgagaga cagacagatg 900  
 cccacgagg atggctggac aaggactttt actttttatt acataaaaat attaaaaaat 960  
 aaataaaaaa aataaaattt taaactaa 988

<210> 2621  
 <211> 854  
 <212> DNA  
 <213> Homo sapiens

<400> 2621

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gcatcctttga gcctgccttc cgggtgggagc agaaaaggcc agaccctgct gagttaarag      180
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ctgtcctttg ttaggctcgt gtacttctgc agggaaaaaa aaaaggatgt gtcattggtc      420
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tatttgaccc ccttggtctga attcctttgc agaactactg tgtgtctgtt cactaccttt      540
tcaggtttat tgtttttatt tttgcatgaa ttaagacgtt ttaatttctt tgcagacaag      600
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ttccccatc tgtaaaatgg gagaataata cttgcctacc tacctcacag ggggtgtgtg      780
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ctaaatgtga aaaa

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<210> 2622
<211> 637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (637)
<223> n = A,T,C or G

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<400> 2622
ctacggtttc cgtcaccaa ttttccttgg aattggacag atggcagcca ccataatgat      60
actatatgtg tccaagctaa acaaaatcat tcacttcctt gattttgata agaaaattcc      120
tgtaaagctg tttcctctgc ctctcctcta cgttggaac cacataagtg gattatcaag      180
cacaagtaaa ttaagcctac cgatgttcac cgtgctcagg aaattcacca ttccacttac      240
cttacttctg gaaaccatca tacttgggtg awkyygkwtt ymctcaacat ymtyctcagt      300
gtsttttgcca ttattctcgg ggctttcata gcagctgggt ctgaccttgc ttttaactta      360
gaaggctata tttttgtatt cctgaatgat atcttcacag cagcaaattg gagttttatac      420
caaacagaaa atgggaccca aaggaggcta ggggaaatac gggagtaact tttttctwac      480
aatggcctgg ctttcatgga ttattcccca acttctttat ttatttaggt ggttcttccc      540
actggtaggg acctggccaa ccagggtcta cngggaattt ccaacccatg ggggtgggat      600
tgttgggtgt ttnnattccn caacagtttt cttncctt

```

```

<210> 2623
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2623
gctgcatctg caatgaggat gccaccctac gctgcgctgg ctgcgatggg gacctcttct      60
gtgcccgctg cttccggtgg gtgcagggtg aatgttctgt gcgagagctc aagggtctgcc      120
tggatccctg acttgatcc ctttgttcca cagagagggc catgatgcct ttgagcttaa      180
agagcaccag acatctgcct actctcctcc acgtgcaggc caagagcact gaagacaccc      240
tggtcctccc ggaagggcag tcccacaggc agcggcaccc atttctgggc cccgccacag      300

```

```

<210> 2624
<211> 923
<212> DNA
<213> Homo sapiens

```

&lt;400&gt; 2624

gaaagaactc	cctggctgta	gctcctatgt	aggttwaggt	tgagacyctg	gattccacca	60
atTTTTaaag	gttaccatct	gaggtttckr	atcatagtct	acttttgaag	cagctgctgc	120
trtttcttta	ttccattgaa	caccctggaa	ttgacataat	tttatctatc	agcatttctc	180
cccttttagt	ttatttaata	attaacccgg	tctccagggc	agttttcata	tgaccatgtg	240
tatattcact	gctcacgaaw	aagtttaatg	ttagattacc	aaatttaata	tagttacaga	300
attactgcat	aagggtctcc	cttcttgag	actcttacc	agcatgggaa	cagtgatctg	360
cccacatgac	agggtggtat	gccaggcata	gttaactgct	tttggttggtg	aggtaactcat	420
cttccttttag	ttacccttag	ttatgtggca	cacatgtcct	tattgcctag	ttcgtcatcc	480
acactttgga	tcttgtgaaa	atgctgttag	tatccaacct	taaaatata	tagtatatgg	540
gtttttatta	aaagaattac	tttgaatttt	ctatttaatt	catatgtaa	taaaggaaca	600
ttttcattca	cttaaaaaaa	ttatatcagt	tattaggctg	ggtgcagtgg	ctcatgcctg	660
taatccagc	actttgggag	gccaaaggcg	gtggattacc	agagttcggg	agtttgagac	720
cagcttgacc	aacatggaga	aaccccgctc	ctactaaaaa	tacaaaatta	gccagggtgtg	780
gtggcgcatg	cctgtaatcc	tggctactca	ggaggctgag	gcaggagaa	cgcttgaaaa	840
cccaggagac	agaggttgcg	gtgagctgag	attgcgccat	tgtactccag	cctgggcaag	900
aagagcgaaa	ctctgtctcc	aaa				923

&lt;210&gt; 2625

&lt;211&gt; 1125

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1125)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2625

aattccggtt	ctgtcgcaga	caccttctcc	tatggtgggc	atgaagactt	ttcaaaaatg	60
attgatgaag	ctgagccctt	gggtaccaca	gtcgtggtga	agagcacacg	aggccaccgg	120
ggaaaagctg	tttttctggc	aagagataaa	catcacctct	ctgacatctg	ccatctgatc	180
cgccacgatg	tgccctacct	gttccagaag	tacgtgaagg	agtcccatgg	aaaggacatc	240
cgggtggttg	tggtaggggg	ccaggtcata	ggctctatgc	tgcgtgctc	cactgatgga	300
cggatgcaga	naacatgctc	gtctcggtgg	cgtgggcgtc	aagtgtccgc	tgacagaaca	360
aggcaagcag	ttggctatcc	aggtgtccaa	catcctaggc	atggacttct	gtggcattga	420
tctccttctc	atggacgatg	gtcctttgt	ggtgtgtgag	gcaaagtcta	atgttggtct	480
cctagccttt	gaccaggcat	gcaacttaga	tgtgggtggg	atcattgcag	actataccat	540
gtccttgctg	ccaaataggc	agactggaaa	gatggctgtc	ctcccaggac	tgtcaggtcc	600
aaggggagaag	aacgagccgg	atggctgtgc	ttcagctcag	ggagttgcag	agagcgtcta	660
taccatcaac	agtggttcta	cctctagcga	aagtgagcct	gaactgggag	agatccggga	720
ttcctcagca	agcacaatgg	gggccccacc	ctccatgctg	cccgaacctg	gctacaacat	780
taacaacagg	attgcttctg	agttaaaact	taagtgaatt	cctgcttttt	ggcagcattt	840
aaaccaaatc	ctactgcttc	cctagtagtt	ttgagtgaat	aaaatctgga	ctaattgtgat	900
ttcatttgca	cagaaactag	aaatcccatc	tgggactca	gcatttttyc	taacgatgat	960
ttaagcaaat	ggcctagctt	tgtggttttt	acaaagacaa	atataaaaac	actcacaagn	1020
acaacgtccc	gactgancaa	tatgagactg	atgtctgctg	tgagcacgtg	gatattacgg	1080
ctgacgctaa	ggcactgnct	ctgctgttgc	ttctgacttt	tagca		1125

&lt;210&gt; 2626

&lt;211&gt; 620

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2626

aattccggtt	ctgtcgtgga	ggcttactaa	ccaggtaagc	cttctatgca	tccacaccaa	60
------------	------------	------------	------------	------------	------------	----

```

aatcctgcag aatgtaagta agctctgctt tataagatgg gttcaccttc atcgcagact 120
gaaagtttca gtttttatatt ttttcagaaa gcacgaaaaa ttatttataa tagtctggag 180
aaaaaaacac actgtaatat ttcaagtgtg tgccagtaga atgtactgtg actgagccct 240
ttcccacatg tctaggctcc aatgtctcct gtaggtccac ctaactgtgt gttttcaggg 300
acaatgccat ccatgtttgt gctgtagact tgctgctgct gaatcctttc tggggacttt 360
ctcatcgggc agggagcaga gggcttctcg ttcatgcacc ctttgctga acacccatgt 420
agctgctgtg ttgtgtatat attactctta agaggagtgt gtgtgtctgt gtttgtttta 480
aaagtcactt atttcttaca gtgatttcaa ttgcaccatg acttcttcac taaaaccaca 540
aagtctgct taaaactatg gaaaacctaa cctgattaga gccttgacta ttttgaagat 600
taaatgcaca ctttttatat 620

```

&lt;210&gt; 2627

&lt;211&gt; 573

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2627

```

gtttatgggt ttacattgtc atgtctccac aggacaatgc acatggtagt tttgtcagaa 60
cccagttgga gttttgtttc ccagcatcca aaggaaatcc ctaactttca ttttttcttc 120
ccgtaagcca gccccgaaca cttaccttat aagcccatct ctacctgaat tagcaatcat 180
ggataagctc aataactgat catttcctta tccagtttaa accatatata ttttaacact 240
gtctcttttt cacacacact agttagctaa gaatgagctg gggggctggg cgtggtagtt 300
cacgcctgta atcccagcac tttgggaggg ggaggtgggg ggatcacttg aggtcaggag 360
tttgagacca gcctrgctaa crtgggtgaaa ccccgctctc actraaaatg caaaaattag 420
ctgggtgtgg tggcaggcat ctgtaatcct agctactcrg gaggctgagg crggagartc 480
ccttgaaccc gggaggcaga ggttgacgtg ggccaagatc acaccactgc actccagtct 540
gggtgataaa acgagattcc gtctcaaaaa aaa 573

```

&lt;210&gt; 2628

&lt;211&gt; 539

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2628

```

cttctgtaga tactgaagaa acaattgaac cttatacaac tgaaaagatg agtcgagttc 60
ctggaggata tttggctttg acagagtgtc ttgaaattat gacagkaraw wkewrcaaym 120
tycaggtgtt tactacaatc tggaggcaag atctttcttc agtatgtgct gatgtttggg 180
ttgcttgttg aatcacagac actcctagag gagaatgctg ttcaaggaac agaacgtact 240
cttgatttaa atatagcacc ttttattaac cagtttcagg tacctatacc gtgtattttt 300
ggacctatcc tcattgccct gtataccttt aagcaagcca gtggaactct taagactaga 360
tttaatgact ccgtatttga acacctctaa cagagaagta aaggatatac tttgtaaatc 420
tgggargact tgacttgcta tttccatttt gggkatcata tggtagccct gaaggaggtt 480
tagggttggg tacttycagt ggaggcctcc cmctgggaaa ccaagctggc agtttgttt 539

```

&lt;210&gt; 2629

&lt;211&gt; 672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2629

```

aattccgttg ctgtcgataa aataatgcat gtaaggccct cagcatagtg cctggcacag 60

```



```

aattactgct caaatgttag ctgtcgtatt aatattgksa cktttgcacr ckkatgtaca 120
tttsetgttk atsyakgctc attctttaag cattctccat gcttaaacca gttccataat 180
ccctaggcct gtactccagg gattgagact gaaaggatca tttatgccat gtttctctaa 240
aagcatcatt gctggaagac ttttgataag tctgatgtgt ctcaagctat tctcargcct 300
tttttgtaga gtttagaaat gaagtatttg aatcaattta gtatctcctt tactatgttt 360
ctccttttaa tctcagccaa cccccwacct gcaggtaaac ccagcattca ttaagagctg 420
ggttggggta ctctattctg tatgcatcat aatagcttaa cattatttag tagctgtaac 480
ttacaggttt aatgctagat gaggatgtct caagccgtga gtgtgcttgt gtaaaaatgg 540
tggcaacatc atctcgttgg taggaatfff ttacttgaat tgttattttg ggaaaatggt 600
aacagatttc ttggataaag aaaatnaatt ggatgatgta tattttatgt ttccttttag 660
cctctcttaa aa 672

```

```

<210> 2630
<211> 424
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (424)
<223> n = A,T,C or G

```

```

<400> 2630
tgtaggcaca agattttctt gctagcggaa tgtgaaccaa aaagtgtaga ggccaatcag 60
taaaaatatt caaagccagt tttgttgttt tcagcagtta gtaactatca gtagatgaat 120
atttactagg aaacattggt cttttaacca ctttgggcat gcttcttatt tagtatgttc 180
atcatgattt agtatcatga cattcagcga acatttattg agtgcctact gtgcactagg 240
gactagtaag catgttaagt ttgtaagctt tgttgatttc caccacaaac ccataggacc 300
tcaggttant ctcataattg aggaaactga gattcccagt gttgaatgaa agccacacag 360
tatcacatgg ccaatatcat gtgattgcag agtcaggact caaaccagc tcttaaccnc 420
cacg 424

```

```

<210> 2631
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2631
aataccttta aatccctggg cagcaccgca gggacagata ttaccgtcaa cagtgtgatt 60
ctacttccta aaaaccctga gcactttgtg gtgtgcaaca gatcaaacac ggtgggtcatc 120
atgaacatgc aggggcagat tgtcagaagc ttcagttctg gtaaaagaga aggtggggac 180
tttgtttgct gtgccctctc tccccgtggt gaatggatct actgtgtagg ggaggacttt 240
gtgctctact gtttcagtac agtcactggc aaactggaga gaactttgac agtgcacgag 300

```

```

<210> 2632
<211> 908
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (908)
<223> n = A,T,C or G

```

```

<400> 2632
cttaggactg ggtcttgggg aggattagcg cctagatgtc tgattttgga gctgcagcat 60

```

```

gccaggccgt ggctgagagt atgtgagcca tgccttgccc tttctgagg ctcagggaag 120
tggatggagc tagagagaca acaggaaaga cgggtgctgaa gaacatagtg tcttctctct 180
attgtggacc taaagagggtg ggggaagcaag gacaagaggc aaagagccac actgcccttg 240
gcatcatcca aagcattgtc tggttgacac caggctcctgg tttgtgtct tttgtcaata 300
cctgaatcct tgacaaaaga aaaagtgggtt ttgatgattt aaagaaataa ggggtgatttt 360
racagaaaat atattttaaa aatttttracc amttgcaata gttatcctca agccaatttc 420
cagaacctgc caccaggggg aggtgggtgca gcatgaatca ttctgaatgc tttgtctttg 480
aagtgttccc ctattgctgt taccatctca gaggaagtaa ctgggcatgg tgagactcct 540
aaaatgaymg gagttttttt ggccaaagct ggcctctgac ttgccacatt cctctgagtc 600
tggagtagcc gcagggtggg agaatgccag cccagagtca gtccatcggg gttacatttc 660
caaggtctgc tgccttcac tatgtaatgg ccgtgttact ttcagatcct tcagcttccc 720
agagtgttgt gggaaatcttg gtcattgaat gtaaaggagc ttagtaagg gtatagatat 780
ttttcaaaaa tgaaaataac tttgttctt ataagtata agctnttata aagatcanag 840
gaaaactnga aaaaatgtaa aatgtaggac aatttgtana acaaaactgc attngagatg 900
tttttgat 908

```

&lt;210&gt; 2633

&lt;211&gt; 476

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2633

```

ggaaggacta cggatccgca ggaagaggca gttgggggccc agggggcccag tagaggaggc 60
tgagctcctt ccaactcctc agaacctcca ctctatggat ctggacctct ggattcggct 120
ttctccctgg gcactgcctt caggaagacg ttgagaattg acctacaca atcccagcgc 180
cctcctcaca ggagcctttc actttacagt ggcaaggggc tggttctgga gaactggctg 240
atgctctgaa tttcttcata taccacacat ttgactttgg cttacactgt acaattggag 300
atgttgctac aggtccctgg agatgcaatc agattaagcg tagaaagcat tgccaattgg 360
gaaagtcaaa ataatttatt ttttttcctt ttcccctacc ccatcccccag ccaagatttc 420
tttcaagata tcgcatcatt cttaacaaca ttcttaccct cactgggtcc ccattt 476

```

&lt;210&gt; 2634

&lt;211&gt; 1648

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1648)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2634

```

aattecggtg ctgtcgact gatttactcc ctctcttccc cactccctgt gaggtggggc 60
tgaggcacgg atccctgggc cacagagcaa gtctccaaat cagacagctg cctcagcccc 120
tgggatgtgt gatttcagct cctgtcacct catgcaaggg cgtggagacc agtagagggtg 180
tggaggccag gcagagagag gagccygtc tgmgggrkgc ccagctcatg ggcactgycc 240
cttcagctag cctgcctmcg tcccctgagt ccaacagtgg gagccctagc tgggaagtgc 300
tgatcccaa agccacagca ggggactgat ggctatagca gaatgagggtc gggtcaggac 360
cctcaaacac catctgggaa caccaagcac cctgaatcga gactgcagga gccctgcggg 420
gtgagactgt gtcagagata cactgctggc cacaagtgtc ccctctcagt cccacctttt 480
cgggctgtcc catgtctatc tcagggggccc gttacctctc tgcagcagtc ccccatccca 540
gccacaccag ggtctgtccg gccaaccttc ttccccaggg aaaggagaaa agagaaaaca 600
ggctggggccc ggtggtcac tctgtaatc ccagcacttt gggagggttga ggtgggaggga 660
tcacctgagg tcaggagttt gagaccagcc tggccaacgt ggtgaaaccc catctctact 720
aaaaaaatt acaaaaatta gccgggagtg gtggtgggca cctgtaatcc cagttactcg 780
ggaggctgag gcaagagaat ctcttgagct caggaggcag aggttcagct gagctgagat 840

```

```

tgcgccactg cactccagcc tgggtgacag agggartccg tccnaaaaa aaagaaaaga      900
gaaacagctg tcacctcccg cagaccctaa tctctctctc gagcaccgtc atccaccaca      960
tggctggggc tggctcccag gaccagtcca gtcctctagt gccttatctg aggctgcagc     1020
gccagtctcc accccaagga gacagccctt gtccttagat gcccttggcc tccgcagtgc     1080
agcccccagg tgtcctgact gaagcacagg ccatagcccc atttccccgg tgccctgcagg     1140
gctaacctcc acgggagccc aggagctctg gccggcagtc catggcacag ggcatcgga      1200
gactgcaaaa ctgctggact taccctgggc tgcagtccat tgtcggcccc tgggttgaat     1260
caagatagta cttgcagcta gatggatgct tttagccagg ggacattgtg aggggaagat     1320
tcttccacc agtctggcct gtggtgtctg tctctccct gagaccacag cttctccagt     1380
agcagactca tgggcgccac caagtggaa gacctggagc ggcctctgcc atccagtgg      1440
agccaggccc cgagacggag gtgggggag cactgtccct cacagccacc gctttcccg      1500
ctcagcagcc caggcctcct ggcccagccc tgccctggag agtgcttyc cctcaccgg      1560
gaagnnngga atyctcctgc ccgagaggaa ggcagacggc acagggacaa ccytgccact     1620
tgggattttg gcttncaagt tggttttt      1648

```

```

<210> 2635
<211> 956
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (956)
<223> n = A,T,C or G

```

```

<400> 2635
agaatacaag ccaaaacatg gcttcaaaag gtcagctgca tcttacttgg attacagaat      60
tcttgctgac tctcagaaga aattgttga gagaatagtc atackrcwy kagmwrwaga     120
ataaatwgcc ttctctaaat tctctgctt cgctccttcc ctggcggtgc tctggaacct     180
tgttggtgtc tgtgacccaa tgactgttag ggtcagctag cttcaattgc cctgcactg      240
gaagcaaggt ttgtcagtaa caccaattaa aatactacca gtgtaagtag aagggtgtgt      300
ttgcagatga gaaggtgcta agatgccttg cttatgttct ctgtgttget gtaataccat      360
gaggggtatg tbtgtggcaa cctggccttt ragatcaaga cgaacccac ctgccttag      420
aagcgcgtct ctaccaccac agcctacccg aattggkect gtccccctaa cccctcacac      480
tgagaactgc tbtgttgga gagagctggt tgggttgatc ttttccaggt gtgacttacc      540
tcttcaagg ggatgtttaa gcttctcggg cagaagtggg gtgtctattc ctgacaccaa      600
acaccgtggt atatgtggtt gtcacactca gctagtgtat ataaagggtg tcttaaatat      660
gttagctttc agttttcctg aggaagcaat tttatggata ctccccctc cttctcaagt      720
gaggaatagc agagcaaatt ttatttggaa cttaaaccaa tagttataac caatagtttc      780
aacctcctgc ctcaccactg sttcttctc gagctcttcc cccacacctc aaaaagagta      840
caaagtgatt ccatctgcag aggtaaattc tttgtttaa aaagtactgt ttttcttacc      900
ttttctggnt ctcttaggta tcagaacaag gtttattagg aatcccttaa aaagta      956

```

```

<210> 2636
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 2636
gtggcgagct ctgagttcac tacagcctcc acctcccagg ttcaagagat tctcctgcct      60
caacctcccg agtagctggg actacagttg aaaaagatca tctagcaaag cttttttccc     120
agctacatat aaggaatttg aaagtcacat aaaatggtta agaaaatgtg ccaagattac     180
ctcagtaatt ctggtctgtg ttctcaggag accctggaaa taaacaatgt gtcttctgtg     240
gcttcagcgt cacctagtgc aggtgccat tcaacaaacg cattgtcaac agtcaacca      300

```

```

<210> 2637

```

<211> 903  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(903)  
 <223> n = A,T,C or G

<400> 2637

```

aattccggtg ctgtcgaccc caaccctctc tcattgttcag tctgttctaat acatgccaga      60
gatttttttt tcaaaaagtg ctttatccct acaatgtact gacagttctt acagttgaga      120
tttgttcttt tcagctattg cttgtgaaaa aaagcaagac tatgtcactc tatagaaggc      180
tggttaaagtg actcaggcag gaattaatta ttctgtacct aaggggttac ttgtttaatg      240
ggatggcatt gactttttga aaatcaagtg gactgagtca ttgataaaac atttctaaga      300
gtggggctag agaacatact ttacatctga catcctttgg cctaacaaca tctattatta      360
tagtgctcag cagtgtgggc attgaagagg cgcagaatgc ttgaaagaa actaatcaga      420
atcttggaac atcatgatca tgccattctt aagtaaatca actattttca aactgaaga      480
aaaatgaaac attatttaga aaacaatgag attacaagtt ccaaactcag ccaggaatgt      540
ggctcacacc tgtaatccca gcactttggg acacctagggt gggagcatcg cttgaagcca      600
ggagttcaag accagcttgg gcaacgtagt gagaccctta tctctacaaa aaataaaaaa      660
attagctggg tgtgatggca cacacctktt gtcccagcta ctcaagaagc tgagatggga      720
ggwccctgag ctcaggaggt caaggctgca gtgagccgag attgttgcca ctgcaytgca      780
gctkggggtg acagttgcaa gaccctgttt tcaaacccaa acccaaacc acacacacac      840
aaacacacnt twcacacaca cacacacggg gttcccatg gttggccggg gtttccccag      900
ggg                                                                903
  
```

<210> 2638  
 <211> 524  
 <212> DNA  
 <213> Homo sapiens

<400> 2638

```

aattccggtg ctgtcggcgc ggaggagaag tggcgtcgag tccggccggg cagtagagga      60
aattgcggtg gtgaccctcg ggcctcgcm tgaagagccg ctttagcacc attgacctcc      120
gcgcggtact cgcggagctg aatgctagct tgctaggaat gagagtaaac aatgtttatg      180
atgtggataa taagacatac cttattccgt cttcaaaaac cggactttaa agctacactt      240
ttacttgaat ctggcatacg aattcatata acagaatttg agtggcctaa gaatatgatg      300
ccgtctagtt ttgccatgaa gtgccgaaaa catttgaaga gtcggagatt agtcagtga      360
aaacagcttg gtgtggatag aattgtagat ttccaatttg gaagtgatga agctgcttac      420
catttaatca ttgagctcta tgataggggg aacattgttc ttacagatta tgagtacgta      480
attttaaata ttctaagggt tcgaactgat gaggcagatg atgt                                                                524
  
```

<210> 2639  
 <211> 1081  
 <212> DNA  
 <213> Homo sapiens

<400> 2639

```

caagcgcaga cggaaaccgc atggtggcac ctttattagt gatgcagacg acgtcgtgag      60
tgccatgatc gtcaagatga atgaagctgc tgaggaagac agacagttga acaatcaaaa      120
aaagccagca ctgaaaaaat taactttact gcctgctgta gttatgcacc ttaagaagca      180
ggaccttaaa gaaacattca ttgacagtgg tgtgatgtct gccatcaaag aatggctctc      240
acctctacca gataggagtt tgccctgact caagatccgg gaggagctgc tgaagatcct      300
gcaagagctg cctagtgtga gccaggagac cctgaagcat agtgggattg gacgagcagt      360
gatgtatctc tataaacacc ccaaggagtc aaggtctaac aaggacatgg cagggaatt      420
  
```

```

aatcaatgag tggcttaggc ctatatattgg tcttacctca aactacaaaag gaatgacaag 480
agaagaaaagg gagcagagag atctagaaca gatgcctcaa cgacgaagaa tgaacagcac 540
tgggtggtcag acaccagaa gagacctgga aaaggtgctg acaggagagg agaaggctct 600
tagacctgga gatcctggat tctgtgcccg tgcaagggtc ccaatgcctt caaacaagga 660
ctatgtttgc aggcccaaat ggaatgtgga aatggagtca tccaggtttc aggcgacctc 720
caagaagggt atcagtcgac tggataaaca gatgagaaag ttcacagata taaggaaaaa 780
aagcagatct gcacacgcag tgaaaatcag cattgagggc aacaaaatgc cattgtgacc 840
ttgcctggaa tgtgtcccca tctctactct aagaaatgcg caatggactc tttggagaaa 900
gaagatattt taaaacattt ttagtgtgtc tgtaaatggt tcagcgtgta tcagatgttg 960
tcataggact cacattttctc tcagttatat ttaaaaccgt tgtgtacttt gtacaaaagga 1020
atactagtca tactttctata aactttacac aataaaattt cattctggtt aaaaaaaaaa 1080
a 1081

```

&lt;210&gt; 2640

&lt;211&gt; 1516

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2640

```

aattccgttg ctgtcggtcc cccccccacc tcgccggagt ccggggcggc cccgggtgtcc 60
cctccgagcc tgctgcactc crcrctcyysm ywscarskct yswssycyya kgkrrrtstc 120
ygamywgryc ygtcywgsa gccagatcca ggctcctgga agaaccatgt ccggcagcta 180
ctggtcatgc caggcacaca ctgctgcccc agaggagctg ctgtttgaat tatctgtgaa 240
tgttgggaag aggaatgcc aagctgcccg ctgaaaatta cccaaccaag agaaatctgc 300
aggatggact ttctggtcct cttcttggtc tacctggctt cgggtgctgat ggggtcttgtt 360
cttatctgcy tctgctcgaa aaccctatagc ttgaaaggcc tggcagggga ggagcacaga 420
tattttctcg tataattcca gaatgtcttc agagagccgt gcatggattg cttcattacc 480
ttttccatac gagaaaccac accttcattg tctgcacct ggtcttgcaa gggatggttt 540
atactgagta cacctgggaa gtatttggct actgtcagga gctggagttg tcttgcatt 600
accttcttct gccctatctg ctgctagggtg taaacctgtt ttttttcacc ctgacttggtg 660
gaaccaatcc tggcattata acaaaagcaa atgaattatt atttcttcat gtttatgaat 720
ttgatgaagt gatgtttcca aagaacgtga ggtgctctac ttgtgattta aggaaccag 780
ctcgatccaa gcactgcagt gtgtgtaact ggtgtgtgca ccgtttcgac catcactgtg 840
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acatgtggat cctcgttttc caagcatggc ttgtttgttt tgatttctgc tgtgcttata 1440
aatcactttc ggtgggcaag ggagagaggg gaaaatgggt gttgactgag gaatccccct 1500
tgcttgtctt cttttg 1516

```

&lt;210&gt; 2641

&lt;211&gt; 888

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(888)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2641

aattccgttg	ctgtcggcag	ctggatggac	actatagcaa	acatcaatca	agagctcatt	60
aaatatgaat	tcttmyyygr	mrcmrstcga	agtgaagaag	acttaaagaa	ataccccaag	120
taccctctggg	grrgagaaat	ctatacttta	gaagggtgtg	tggatggagc	tccatattcc	180
atgatttctg	acttcccttg	gctgaggta	ttacgagctg	cagagcccaa	cagcttcgct	240
cgatacgact	ttgaagacga	tgaagaaagc	actatctatg	ctcctagaag	gaaaggacag	300
ctgtctgcag	acatctgtat	ggaacaata	ggagaggaaa	tttcagagat	gcgtcagatg	360
aagaagggtg	tatttcagcg	agtagtgga	atTTTTatcc	actattgtga	tgtcaatgga	420
gagccagttg	aagatgacta	catttaattg	gtccctcttc	ctttccagct	atTTTgtcag	480
aaagcaagta	gggccatcca	gctgccagag	tgctccacag	ggacttgagg	catgcagttg	540
ggagggtcctg	gctcggtttg	ctatataggg	aatatataag	gaacatcgaa	attgtataca	600
aagatttgta	cataaaaaat	atacaaagac	gcttccctaaa	gtaccaactt	tatatcatat	660
gtttatacaa	tttaatttaa	aaattcattt	taagggaagac	agataatttg	aaagactttt	720
gtttttcttg	acttaattca	tgaagtatca	ttttttgact	gagtctccat	ttacttcatt	780
cttaatgatt	attgtcatcc	ctttaaatct	gtgccttttt	cttcttgagc	gaagctgttt	840
gagtaaacct	gttgaagagt	ggtttgngng	conttttggg	gccttttt		888

&lt;210&gt; 2642

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2642

gccatttctt	ctggccttta	caaaaaggca	ttttgttata	ctacagtgtg	aacctcattt	60
ttttcactcc	aaaaggtagc	agccccctct	cttccccccc	tggacctgcc	tttactctcc	120
tgggacacaga	gcgcacgtgta	ccattgatgt	ttggtttatt	ccaggatcca	aggagctggt	180
tctgctggtt	ggaccaaacc	tcgtgagcca	gccaccctg	acccaaatga	ggagagctct	240
gattctccca	tccgggagca	gtgatgtcaa	acttctgctg	ctgggggaaat	ctcatcagca	300

&lt;210&gt; 2643

&lt;211&gt; 770

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2643

ctgacttcaa	ctgcaatggt	cctgtcaaca	cacagggatt	ctacaggggc	tcccctgggt	60
gcgtcatgga	tgtgttctg	cgccacggct	gtgagggcagc	cttcgtgagc	ctgctggtag	120
aattttggagc	caacctgaat	ctagtgaagt	gggaatcgct	gggcccagag	tcgagaggaa	180
gaagaaaagt	ggaccctgag	gccttgacag	tctttaaaga	ggccagaagt	gttccccaga	240
ccttgctgtg	tctgtgccgt	gtggctgtga	gaagagctct	tggcaaacac	cggcttcac	300
tgattccttc	gctgcctctg	ccagacccca	taaagaagtt	tctactccat	gagtagactc	360
caagtgtctg	ggttgattcc	agtgagggag	aaagtgatct	gcagggaggt	ggacaccgag	420
ccctgagtg	tgtgctgctg	ctggtctcct	gatggctggt	gctgcagaag	atgtcctcgt	480
agactgtcat	tgctcctcag	gtgcctgggc	cgctgaacag	tccttgggtc	attgtcagct	540
gagaggctta	tactaaaagt	attattgttt	ttcccaagtt	ctctgttctg	gattttcagt	600
tgcatattaa	tgaacgggc	catggggat	gtacatgtag	gggctgaggt	tggaggccta	660
ctaatttcct	gtagggaaga	ctcccagcac	ttctggaact	gtgcttctct	ttatttttct	720
acttctcaat	ttgatggttc	gattaaagcc	ttctagtatc	tcaatgaaaa		770

&lt;210&gt; 2644

&lt;211&gt; 603

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2644

aattccgttg	ctgtcgggtac	gatacttaaa	accatcacaa	gctgcccaag	caatagaaaa	60
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```

ctgtgatcga agtttttagag caatcttggc tgaacctaaa aataaagcat ctgaatcctc 120
tgaacaagat tattatagta atatgaggca agaagctttg ggacatgaac cttagagtaaa 180
tatgtttcca tttgaacaac aatctgaatt ttcaagtttt gacaagaatg atagccgagg 240
ccaggaagca atctccaaac gcttgtcagt tgtatcaaga gttcctttca ctgaagaaca 300
gcttttcagc atttttgata tagtaccagg attggaatat tgtgaagttc aacgagatcc 360
ttattcaaat tatggtcatg gagtgggttca gtattttaat gtagcatcag ctatttatgc 420
aaaatacaaa ttacatggat ttacgtaccc tcctgggaac cgaatagggtg tttccttcat 480
tgatgatgga gtaatgcaac agatctcctt agaaaattgc acacagatgg tagctgcaca 540
gcttgcatca attggttgga ttaccaagt cagcacatta ttgcaatttg aggagccttg 600
gat 603

```

```

<210> 2645
<211> 685
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(685)
<223> n = A,T,C or G

```

```

<400> 2645
gtaaggcctg ccttttacac accagttgtg tgtttgttag tggctgctgg atgccagtc 60
acacctcaa acacctcaca gtcccaaacg ggggtgtcct acagggtcca gggctcctgtt 120
agtggagaa aggcagttcc aggaagtctt cctctagcc ttcatgacag gaagtagttt 180
aatcctctgg gaaatagact tgcagccctg ggaagaaaag agttgttctt ccttggggac 240
atacaccatc atctgggcta tttcatccag tgtctcttct ttatacagga gctcctggct 300
caggaaggca tcccggtcac acagcctcac gtgacggtac tccaaaggca ggaaggggat 360
gaagtagtca atcaggtttt ccttcacaag acggtgtgac caaagccatt gtctatggtc 420
tccacaatct ccgcctggag gtggggctcc aggtgttcca tcgtaatttc tcccggggac 480
catccagcct tgagcaactt taggaccacc tcattgatta tatcgccctt gagattactg 540
agaaacagaa agatagtcca tggagactca gccnnttgn ctcagggggc cggcgttcta 600
agtgtggccc aaggacctcc agcagccctg ggtgcagctt ctccgcttca tcgaagatga 660
acagggtctg gtgcagagct gctgc 685

```

```

<210> 2646
<211> 583
<212> DNA
<213> Homo sapiens

```

```

<400> 2646
agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg 60
atTTTTgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc 120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttctca tggccatgac 180
tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtcttttttt 240
ttgtttgttt tagacggagt twactcttg ttgccaggc tggagtgaag tggcgtgacc 300
ttggctcact gcaacctcca ggccagctc agcctcccta gtagctggga ctacaggcac 360
ccactaccac gcctggctaa ttctttgtat ttttagtaga gatgggggtt gaccgtgtta 420
gccaggatgg tctcgatctc ctgacctcgt gatccacca cctcggcctc ccaaagtgtc 480
gggattatag gtgtgagcca ccgcgccggg ccggttgctg gcattctaat gttctgtagg 540
tggaatatTTT ccaataaaca caaggtgccg taattgacaa aaa 583

```

```

<210> 2647
<211> 958
<212> DNA
<213> Homo sapiens

```

<220>  
 <221> misc\_feature  
 <222> (1)...(958)  
 <223> n = A,T,C or G

<400> 2647

atcgagaact	cttactacaa	gctncttggt	ctttttgcag	gatcccatng	attcgwrkys	60
sgttgctkct	gccaaaatgg	cgcggtgct	gaaggctgca	gccgcgaatg	cogtagggct	120
tttttccaga	cttcaagctc	ccattccaac	agtaagagct	tcttccacat	cacagccctt	180
ggatcaagtg	acaggttctg	tgtggaacct	gggtckactc	aacctgtak	ccatagcagt	240
gccaratattg	gaawakgctg	ywgcawtta	taasaatatt	ctggggggccc	aggtaagtga	300
agcggtcctt	cttcctgaac	atggagtatc	tgttggtttt	gtcaacctgg	gaaataccaa	360
gatggaactg	cttcatccat	tgggacgtga	cagtccaatt	gcagggtttc	tgcagaaaaa	420
caaggctgga	ggaatgcac	acatctgcat	cgagggtgat	aatattaatg	cagctgtgat	480
ggatttgaaa	aaaaagaaga	tccgcagctc	aagtgaagag	gtcaaaatag	gagcagatgg	540
aaaaccagtg	atttttctcc	atcctaaaga	ctgtggtgga	gtccttggtg	aactggagca	600
agcttgattt	atatttgcaa	gcaactaaat	taattgacct	gaaaaagcct	atcaataact	660
atcaaaatgt	actatgacat	tgagtctctc	actgcttcca	tcatgtaaaa	gttcacagtt	720
aaagactgaa	ttacagaaag	attaaaatat	atacatatat	aaatacataa	atatgtatat	780
tatttagatt	aacaaacata	ttgtttaatt	tgaatttgaa	gaaaatcttg	attactaatt	840
acttagggaa	cattattaaa	atcatataga	aataaattat	tcctcttcta	caatgggkkg	900
naattgaatg	tnatggtggt	tagcngtgga	cnaggggnat	gtgtgtgatg	gatgggta	958

<210> 2648  
 <211> 1583  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(1583)  
 <223> n = A,T,C or G

<400> 2648

ggagaagcaa	ctgacgacag	atgctgcccc	cattgtgcag	atgcagccca	gaagcagatc	60
cagagcttga	ataaaatgtg	ttcaaaccct	ctggagaaaa	tcagcaaaga	ggagcgagaa	120
tcagagagtg	gaggtctccg	gccgaacaag	cagaccttta	accctacaga	cactaatgcc	180
ttggtggcag	ctgttgccct	tgggaaagga	ctatctaat	ggagaccttc	aggcagcagt	240
ggtcctggcc	aggcaggcmr	scaggagct	gggacgatcc	ttgcaggaac	ctcaggatta	300
cagcagstgc	agatggcagg	agctmcaagc	cagcagcagc	caatgctcag	tggggtacaa	360
atggctcagg	caggtcaacc	agggaaaaatg	ccaagtggaa	taaaaaccaa	catcaagtcg	420
gcttccatgc	atccctacca	gcggtgagtg	tggctggcaa	cctcgactcc	ctggtgctct	480
ttgcagagtt	gggcagtga	attacctttt	gtcgaaggct	cacctagatg	ggtacaataa	540
aaagaacatg	ggctttcagc	agcagacaaa	tcccacttcc	accactgact	agctgtgtga	600
ccttggacaa	gtgacctaat	ttttctgagc	ctgtttctca	tttgtaaatg	gtgataatac	660
ctacctcata	gggttggtgt	gaggattaaa	atgaggaaat	gaatgtaaa	cacttagtac	720
agtatatgaa	ataatgggta	ttcaataaat	gatagtttct	acagatcctt	ctccccacca	780
ccctccacag	tccttgatcc	agaacttacc	ctaactgat	actgcctcac	gtcaatggtg	840
agctgatgga	cacaagatca	aataaggcta	tgttatttt	gtgtgccag	aaactgtagc	900
aacctctgtg	ttcttagagg	cacactgttt	ttgcaggccc	tcctgcctgg	ggtttcatte	960
tggctatccc	tctaaggcgc	aagggtgaaga	agcttctggg	ccaggaaagga	aaaaaaaaatg	1020
cccacctgca	gctctggtga	agcttgggcc	tgtctctctt	tccatcctct	aaggagccaa	1080
cttggtcttt	acctgtcaaa	tagtcataaa	gtcccctatc	ctttacccca	ccttatacac	1140
acgaggcttt	ctcaggnaag	tggctctgcc	aggcaggact	atgtgggaaa	gggtttttcc	1200
ttagcacacg	aaaaagcccc	ttcccctgga	ttcatgtttc	ttatttttga	gggagaaggg	1260
aattgcactt	cacactgcca	tcagggttta	gttgacctca	taatggtgcc	cactttctcg	1320



```

actttggcca ggatttcctt caaagaaaac gactttcctt catttcccta agcctgtggc 1380
ccaaatgggt gaccagaatg atgggtgggag ggggcaaccc ccagtagctt tgcctgtctt 1440
tataaagttg aacaaattga atttagacat tcaggctaac ctgcctttct tagtactcct 1500
ttgttggcat gggcaggggt tgagtcagca gaagtggacc aaaggattcc tctgaataaa 1560
gttattttaa ttgaaaaaaa aaa 1583

```

```

<210> 2649
<211> 1518
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1518)
<223> n = A,T,C or G

```

```

<400> 2649
gaaacatggg gaaaagtctg taaactcctg gttgatgcaa ttcataatca actaactgac 60
atggaaaaat gtattttgaa atatatgaaa ggaacatcta ttgtggtccc tgaaccactg 120
cactttttat taccagggaa aaaaaatctt gtaacaattt catatccttc aggaatacca 180
gatggccagc tgcaggccta taggaaggag ttacatgac ttttcaatct gcctcacgac 240
agaccctatt tcaaaaggct taatgcttat cactttccag atgagccata caaagatggg 300
tacattagaa atccacatac ttaccttaat ccaccttaaca tggagactgg tatgatttat 360
gtggtccagg gcatatatgg ctatcatcat tatatgcagg atcgcataga tgacaatggc 420
tggggctgtg cttatcgatc tctgcagact atctgctctt gggtcaaaca tcagggatag 480
acagagaggt ccattccaac acacagagaa attcagcagg ctctagtcga tgccggggac 540
aaaccagcaa catttgtcgg atcgcgcaa tggattggat ctattgaggt gcagctggta 600
ctaaaccaat tgatcgggat aacgtcaaaa atcctgtttg tcagccaagg ttcagaaatt 660
gcctctcaag gacgggaact ggctaatacat ttccaaagt aaggaactcc agttatgatc 720
gggggaggag ttttggccca cacaatacta ggagttgcat ggaatgagat tacagggcag 780
ataaagtttc tgattctaga tccacattat accggtgctg aagacctgca agttattttg 840
gaaaagggct ggtgcggatg gaagggccca gatttttggg acaaggatgc atactataac 900
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gagtgggtatt ataaatttgt gaataaagaa tcagtttaat ttttcacatt aaatcctggg 1020
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gtatttttta gacgttcctt taataactta aaagacaaag catacacaac cagcatatta 1140
taggcatgta aatacatgtg ttcttaaatg gatcttcact tggagaaaag tttttcgtcc 1200
ttctcagaag gagattagac acaacatatg gtaaaagcaa aagcaggagc ttatagattt 1260
gcatgaaatg aaggcggtct tcagacttct tcataaccca cgtgacatca gcacttcctt 1320
ttcccactgg tattttctac acttccgaga ctccgtttct gtctgagcac ggcaacacaa 1380
tcattcctgt cagggtgttc acttgccttt tatttggcct gcattacatt ntaaattggg 1440
tggtaaagaa aacttggggc acaagtcctn gggaaattcc accatggacc aaagcggaga 1500
ttcttcnagg ctggtttg 1518

```

```

<210> 2650
<211> 386
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

```

```

<400> 2650
gggaagtgtt tcaatgacaa gagcaggaag agcgagaagg tgaaggtgat tgacgtgact 60

```

```

gtgcccctgc agtgcctggt gaaggactcg aagctcatcc tcacggaggg ctccaaggct 120
gggctgcctg gcttttatga cccgtgtgtg ggggaagaga agaacctgaa agtgccttat 180
cagttccggg gcgtcctgca tcaggtgatg gtgctggaca gtgaggccct ccggatacca 240
aagcagtccc acaggatcga tacagatgga taaactgcc aagaaccagat ttttaaaagg 300
ccgcaaaaaa tcttttctcg ggagtctaca aatttggaaa tgaaaaaacc cngacatcag 360
atgtttttat tttatattat tattat

```

```

<210> 2651
<211> 485
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(485)
<223> n = A,T,C or G

```

```

<400> 2651
ctcagctctc accagctgtc agatgctgcc acagggcgag aacctccaag atgtgctccc 60
cagggacatc tactgccgcc tcaagegcc cctggagtat gtcaagctca tgatgccctt 120
gtggatgacc ccagaccagc gcggcaagg gctctacgca grcwsmkct tcaatgctat 180
tgccggaaac tgggagcgca agaggcctgt ctgggtgatg ctcatggtca actccctgac 240
tgaagtggac attaatgtccc gtggagtgcc tgyttagac ctgttccttg cccaggaggc 300
tgagcggctg aggaacaga ctggggcagt ggaaaagggtg gaagagcagt gccatccatt 360
gaatgggttg aacttttcac aggtcatctt tgctttgaac cagaccctcc tgcagcagga 420
aagntgcna gcaggcagtc ttcagatccc ctacacgacg gaggatctca tcaaacacta 480
taact

```

```

<210> 2652
<211> 766
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(766)
<223> n = A,T,C or G

```

```

<400> 2652
aattccgttg ctgtcggaaa atattattat gttagtttta gcgtggaaat tggaggctga 60
aagcatggga ttttttacc aagrrmrwg gttaaagga atgacttcat tacagtgtga 120
ctgcacagaa aakttacaaa acaaatttga ctttttgcgc tcacagttga atgatatttc 180
gtcatttaag aatatctaca gatatgcctt tgattttgca agggataaag atcagagaag 240
ccttgatatt gatactgcta aatctatgtt agctcttctg cttgggagga catggccact 300
gttttcagta ttttaccagt acctggrgca atcaaagtat cgtgttatga acaaagatca 360
atggtacaat gtattagaat tcagcagaac agtccatgct gatcttagta actatgatga 420
agatggtgct tggcctgttc ttcttgatga atttgttgag tggcaaaaag tccgtcagac 480
atcatagcaa gaactatgtg aagaaaatgc aaacctttca attcccacgt gtatacaagc 540
taatgtgatg aggggggaaa aaatccaacg ggtgcatttt cattcatatg aaagacttct 600
catagtactt ttttttctt tttttaaagg aggtttttct tgttacatgt gatgggcatt 660
gagccacacc tcttcttaga ctgaatattg aagtttttgt tttgagttat gtttataaca 720
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<210> 2653
<211> 401
<212> DNA

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&lt;213&gt; Homo sapiens

&lt;400&gt; 2653

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aatagaagca	cgctgcactt	gggattcttg	tggattacat	gtgaggggtc	tagaaacact	120
tgatgtgtaa	gccaaactatt	atgtattact	gtatatggaa	cacaagggat	gtagccaaaa	180
ctaaatgcaa	gtttgtgcct	cagatgtctt	cctatcagaa	cagagtcaaa	tccagatttt	240
gatgctkwra	tgtgacagct	tattcagatt	tagaaaaact	tttggtaggg	gccaaagaaa	300
acatatcctt	aaggggatat	gcccctaggc	cctcattttc	cttttctgtc	tgagcaatta	360
aaaaaaggaa	aatgaggcct	aggggccata	tcccgcctgt	a		401

&lt;210&gt; 2654

&lt;211&gt; 475

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(475)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2654

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gccaggtgg	ccactaacac	ggacaccagc	cgaaatgccg	gaaatgcggg	cctgtttgag	120
acagtactca	ccatcatgga	tatccgctct	gcagctggcc	tacgggttct	agctgtcaac	180
attcttggtc	gcttcctact	caacagtgac	aggaacatta	ggtatgtagc	cctgacatca	240
ctgcttcgac	tggtgcagtc	tgatcacagt	gctgtgcagc	ggcatcggcc	cactgtggtg	300
gaatgtctac	gggaaactga	tgccctccct	agccggtgag	cagtgataga	ggggacagga	360
gggcagggca	gaggttccca	gtgccctgtg	gccaaagactc	gagccagttt	agagcagctg	420
gagtaagggg	actaaggggg	acaggtccct	gggggaagca	gagggcctna	ggcat	475

&lt;210&gt; 2655

&lt;211&gt; 1731

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1731)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2655

gacatttcsr	mwmgmkeytt	tgtgaatttc	cagatatggg	attttctctg	gcaaatggac	60
tttttkgacc	caacctttga	ctatgagatg	atcttcaggg	gaacaggagc	attgatatac	120
gtcatttgac	gcaggatga	ctacatggag	gctttaacaa	gacttcacat	tactgtttct	180
aaagcctaca	aagttaaccc	agacatgaat	tttgaggttt	ttattcacia	agttgatggt	240
ctgtctgatg	atcacaaaat	agaaacacag	agggacattc	atcaaagggc	caatgatgac	300
cttgacagatg	ctgggctaga	aaaactccat	cttagctttt	atctgactag	tatctatgac	360
cattcaatat	ttgaagcctt	tagtaagggt	gtgcagaaac	tcattccaca	actgccgacc	420
ttggaaaacc	tattaaatat	ctttatatca	aattcaggta	ttgaaaaagc	ttttctcttt	480
gatgttgtca	gcaaaatcta	cattgcaaca	gacagttccc	ctgtggatat	gcaatcttat	540
gaactttgct	gtgacatgat	ccgatgttgt	aattgatgtg	tcttgtatat	atgggttaaa	600
ggaagatgga	agtgggaagt	cytatgacaa	agaatctatg	gcaattatca	agctgaataa	660
tacaactgtc	ctttatttta	aggaggtgac	taaatttttg	gcactggtct	gcattctaag	720
ggaagaaagc	tttgaaagaa	aaggtttaat	agactacaac	ttccactgtt	tccgaaaagc	780
tattcatgag	gtttttgagg	tggtgtgac	ttctcacagg	agctgtggtc	accagactag	840

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tgccctccagt ctgaaagcgc tgacacacaa tggcacgcca cgaaacgcca tctagtctga      900
atcccagcgt cggggctctg tgccagctta ctcttcactc cagggctcga tgccacgtgc      960
tacaggacat gggagctgct gcttggtgga atctggtgcc tgttcacta gagacaagg      1020
gtagagtctc tcatttggat gaaaaccctc tcaactggtg gtgtacaact gaagctacta      1080
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taacaccagt taccatcctt taccaggga tgttgccatc aattccagtt gaaaataata      1260
gaaaagactg aatttttata tgcttcactt aggccttcat ttgagtagac tctaaaaatt      1320
ctgccttget taagttctaa cactgcctct cagatttcag ttttgacat tgcacaacta      1380
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cctatatgga agaaatgaga gaaaatttta tgctgcacat ggtggagagc aaggctcaac      1500
gggtggttga ttagttccct cggaggtatt gaaaaaaact tgaaatggaa gaaaattttt      1560
ggcacctatg ttctgagtac cagatgtctg ggggtctctt ttctgcatta ggataaatgn      1620
atcatgctca gtgntaaca aggggaatta aaagtttttc ccacagtccc cttctagggg      1680
aggaaaaanc attggtggcc actggaatgg ttagcttact ttaatcttgg n      1731

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&lt;210&gt; 2656

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2656

```

aattccgttg ctgtcgcgga aatgtccgaa ggcagcagta cttgacctg tattttggga      60
gtcgaacgga gaatggaaac tgaaagtgga aatcaggaaa aggtaatgga agaagaaagc      120
actgaaaaga aaaaagaagt tgaaaaaaag aaacgggtcac gagttaaaca ggtgcttgca      180
gatattgcta agcaagtgga cttctggttt ggggatgcaa atcttcacaa ggatagattt      240
cttcgagaac agatagaaaa atctagagat ggatatgttg atatatcact acttgtgctt      300

```

&lt;210&gt; 2657

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2657

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aattccgttg ctgtcgggca cgtcctcgtg tatcctgttg aggacctga ccccgcaccc      60
caccctcgag gccagaaatc ggttgccctt ggggacctga gaagcgagac cactcgcgcc      120
cctgacttgc aagttgggtt ctttattggc ctccgggatt ctgctcgttg cggtttctcc      180
aggctggtga tgggcaagcc ggggtgtacca agtccaggat gcacatgagg agccgtttgt      240
aaccgcactg aatcacctca tgactagcgg ggcaggcctc taattcacg caggaaattc      300

```

&lt;210&gt; 2658

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2658

```

aattccgttg ctgtgcagc gagcgggtct gggcggtctg tggcagcgcc atggagacgg      60
tacagctgag gaacccgccg cgcgggcagc tgaaaaagt ggatgaagat agtttaacca      120
aacaaccaga agaagtattt gatgtcttag agaaacttgg agaaggatta ctgtagatgc      180
agtatatgga atcaggaatc ttaacttcat gtgagctatt ggagtttctt ttgctatcag      240
gatcataagg gaggtcttat gcagcgtata caagctattc ttaaggagac cggccagatt      300

```

&lt;210&gt; 2659

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2659

cgcgcggtcc	agagctgggc	gctgcagctg	cactgccgat	cgccgtgttt	ggtcgataga	60
atccccagt	tgcccagaga	gtgcgacccc	tcgcccggcc	cggcgagccc	cgggcggtgaa	120
ccgaactgag	ggaggatggc	agcctctggg	gtggagaaga	gcagcaagaa	gaagaccgag	180
aagaaacttg	ctgctcggga	agaagctaaa	ttgttgccgg	gtttcatggg	cgtcataaat	240
aacatgcgga	aacagaaaac	gttgtgtgac	gtgatcctca	tggtccagga	aagaaagata	300

&lt;210&gt; 2660

&lt;211&gt; 908

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(908)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2660

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atattagaaa	ggcagcattt	gagtgtatgt	acacacttct	agacagttgt	cttgatagac	120
ttgatattct	tgaatttcta	aatcatgttg	aagatgggtt	gaaggacat	tatgatatta	180
agatgctgac	atttttaaat	ttggtgagac	tgtctaccct	ttgtccaagt	gcagtactgc	240
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tagcagcact	actaaccatt	ccagaagcag	agaagagtcc	actgatgagt	gaattccagt	420
cacagatcag	ttctaaccct	gagctggcgg	ctatctttga	aagtatccag	aaagattcat	480
catctactaa	cttggaaatca	atggacacta	gttagatgtt	tggtcaccat	ggggaccatt	540
acatatgacc	atacaatgca	ctgaattgac	aggttaatca	taagacatgg	aaagagaagt	600
gtctaaaagc	ttcaaaatgt	tccacttttt	tttccttcat	ggagactgtt	tgtttggett	660
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ttgtaaaacc	actagtgttt	tagtggttac	agcaacattt	gaaatggaaa	ctaaaagtta	780
ggattttatg	gagtatggag	atagggtcca	gtatctattt	accctgtaat	gtttaggatt	840
aaaaatgtta	aattttgtga	ccntgaattt	ctttctttta	taaattttct	catttaaaaa	900
tcaaaaaa						908

&lt;210&gt; 2661

&lt;211&gt; 872

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2661

aattccgttg	ctgtcgaaat	ttttgaaggt	cttggcccaa	aagttgaact	gccactgtat	60
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aaaaaactca	ttttattttt	taaaagaaga	aatcatgcaa	gaaaacaaag	ggaacaaaaa	180
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aataatcctc	ggaggaaaag	taaaagaaag	aaaacmaggg	aatactattr	aaaagcagtt	300
tccagaaaatt	cgaaaacaaa	gagaacagca	agaaagattt	cagcgagttg	ggcagagggg	360
agctgggtct	tcagccacca	ttgctaggag	tgagcatgag	atttctgaaa	ttattgatgg	420
gctctctgag	caggagaata	atgagaaaca	aatgcggcag	ctctcgtgat	tccacctatg	480
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cctatgaaag	tgtataaaga	taggcagttt	atgaatgttt	ggactgacca	tgaaaaggag	600
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gagaggaaag	gtgttcttga	ttgtkttttg	tattactatt	taaccaagaa	aaatgagaat	720
tataaagccc	tcgtcagaag	gaattatggg	aaacgcagag	gcagaaacca	gcaaatgtct	780
cgaccctcgc	aagaagaaaa	agtagaagaa	aaagaagagg	ataaagcaga	aaaaacaaaa	840
aaaaaagaag	aagaaaagaa	agatgaagag	ga			872

<210> 2662  
 <211> 448  
 <212> DNA  
 <213> Homo sapiens

<400> 2662  
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 aatgccaatg attgtaagaa aacaaacaaa tttatcatga aattctcctt gtcattttat 180  
 amrtssmyat tttaacatca tttatgggtc cagagatgca tacacttttt tctgacaaga 240  
 aaaagtaaaa ggtgatgagg gcaattctgt cctactgttt ttacaggcct ttttcaaag 300  
 cagattttgt cataaagttg ttatagattt tttaaaatgc ttttttaata ttaaaatgta 360  
 cttttacatt cttaatcttt ttttagaaag gaaaagtttt cttcatttag ctgctgattt 420  
 aaaagtaaaag ttctccaatt cttaaaaa 448

<210> 2663  
 <211> 498  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(498)  
 <223> n = A,T,C or G

<400> 2663  
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 gtcattgaga aaaggatgga acattcaata aagggtgctg gacacatttg tgctctaaaa 120  
 attttgtgtt tcacctatta atttatccct ccccttagcc cctggcaaac actgatctgt 180  
 ttactgtctc catagttttg cttttcccag aatgtcacac ccttgggaac atacagcatg 240  
 taaccttttc agattggctt cttttacgta gtaatatgca tttaggattc ctteatgcct 300  
 tttctggat tgatagctca tttnttttta gtctgaata atattccatt ctatggatat 360  
 accacaattg atccattcac ctactgaagg tcattttgat tgcttccaag ttttgataat 420  
 ttaaaaaatt tttaagaca ggtgtgcatt gtgttttcca tactgggtctc ctgaacacct 480  
 gggctgatgt gaaccct 498

<210> 2664  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 2664  
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 tctcggtagc agccttcgcc acgccggggt ctccagctcc actggggcca tgtcagagcg 120  
 agaagagcgg cggtttgtgg agatccctcg ggagtctgtc cggctgctcg cagaggacgt 180  
 gtgctatcgt ctgagagagg ccacgcagaa tagctctcag ttcatgaagc acaccaaagc 240  
 ccggaagctg acggttgagg acttnnncag ggcctcaga tggagcann agtaggctgt 300

<210> 2665  
 <211> 787  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 2665

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actgatacat acgaaacaat taagcaatac caacaagatg gcttcccaga gactgaactt      180
cgtacattta tatcagaatg caaagatcta cccaactctg gaaaatacag attagaagat      240
gacctccag tatctttatt ctgctgttgt aaaaagtagc tatcaggttt atctgtactt      300
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agtatgtttg aagactgtta ttttgagcta attgagacct ataattcacc aataactgtt      420
tataattttta aaagcmatat ttaatgtctt tgcaacttta tgctgggatt gtttttaaaa      480
aaactttaat gaggaagct attggattat tattatttct tgtttatttt gccatggctt      540
tagaatgtat tctgtatgcc tctcttttgc tctgatactg ttgctcctgc tattctgatt      600
gtgcagactg tataattagt ggaaaacaat ccttggctcg actgtgactt tggacactca      660
gtnacccctg cttggaccac tctcaggagn catncttgag agagtgggtg tagttacatt      720
tntcagtaac atgnatttaa antcccttga naggaagaat agagtnacag aatagacnca      780
cagaatn                                     787
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<210> 2666

<211> 703

<212> DNA

<213> Homo sapiens

<400> 2666

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ttgtgaacca gatgatgaaa gtggctatga tgttttagcc aacccccag gaccagaaga      60
ccaggatgat gatgacgatg cctatagcga tgtgtttgaa tttgaatttt cagagacccc      120
cctcttaccg tgttataaca tccaagtatc tgtggctcag gggccacgaa actggctact      180
gctttcggat gtccttaaga aattgaaaat rtctctcccg catatttcgc tgcaattttc      240
caaacgtgga aattgtcacc attgcagagg cagaatttta tcggcagggt tctgcaagtc      300
tcttgttctc ttgctccaaa gacctggaag ccttcaaccc tgaaagtaag gagctgttag      360
atctgggtgga attcacgaac gaaattcaga ctctgctggg ctctctgtga gagtggctca      420
ccccagtgat ctggcctcag acaactactg gtgagcaagc tggaccasc mtgtacagt      480
tgttatagtg ttaatccttg tgcataatgt tcataatata actatttctg taaagaaagg      540
acactattac atatgaaaat atctcttctt tatataagag aaattactcc agtcagaagg      600
acttagaaac atgttttttt ccttttaaac ttttaagtca gtttttatga agttgttata      660
atgtttcttt acttttcaat gcacacatgc tttgggatac gtt                                     703
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<210> 2667

<211> 1018

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (1018)

<223> n = A,T,C or G

<400> 2667

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cwssaggcga caagaacctg gcacagccaa ttgaccagg agatctcggg gctgaaggag      180
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ctcaaggagc	agctggaaca	agccaagagc	cacggggaga	aggagctgcc	acagtgggtg	240
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gcggaacaaa	gggtgagctt	cagacagaca	agatgatgag	ggcagctgcc	aaggatgtgc	360
acaggctccg	aggccagagc	tgtaaggaa	ccccagaagt	tcagtctttc	agggagaaga	420
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cttttagagg	tcttactgca	ataagaagta	atgctggggg	gacggtaatc	ctaataggac	900
gtcccgcact	tgtcacagta	cagctaattt	ttcctagtta	acaatttgtc	atattammm	960
ntgcacagam	maccattggg	ggggattcag	agggtgcac	acggntcttc	ttgagctg	1018

&lt;210&gt; 2668

&lt;211&gt; 587

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2668

atcatattca	agttggcagg	tttgactgtt	cctctgcacc	agacatctgt	agtaatctgt	60
atgtttttca	gccgtctcta	gcagtattta	aaggacaagg	aaccaaagaa	tatgaaattc	120
atcatggaaa	gaagattcta	tatgatatac	ttgcctttgc	caaagaaart	kygrmwkmks	180
atgttaccac	gcttggacct	caaaattttc	ctgccaatga	caaagaacca	tggtctgttg	240
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caaactcttct	ttatgggtcag	cttaagtttg	gtacactaga	ttgtacagtt	catgagggac	360
tctgtaacat	gtataacatt	caggcttata	caacaacagt	ggtattcaac	cagtccaaca	420
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tgaatccttc	agtggtctcc	cttacacca	ccaccttcaa	cgaactagtt	acacaaagaa	540
aacacaacga	agtctggatg	gttgatttct	attctccgtg	gtgtcat		587

&lt;210&gt; 2669

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2669

gggaagtgtg	tgttcaaatc	tgtagtgtgt	ccagtcagca	caaacgagga	aatgatggca	60
gagttagttt	aataaaacag	agggaaatcta	cgttaggtat	catgtatcgg	agtgaactgc	120
tttcttttat	caaaaaatta	cgagaaccac	tcgttttgac	tattatttta	tcactctttg	180
tgaacttcta	caatgttcgg	gaggacattg	tgaatgatat	tacagctgaa	cacattttcta	240
tttggccatc	ttccattccc	aacctccagt	ctgtggactt	tgaagctgtg	gcaatcacag	300

&lt;210&gt; 2670

&lt;211&gt; 1187

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2670

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gcagcagctg	ggccagcctg	agaaagctct	ggaagctctg	gaaccaatgt	atgatccaga	300
tacttttagca	caggatgcaa	atgctgcaca	gcrggaactg	aagttattgc	ttcatcgttc	360



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&lt;210&gt; 2671

&lt;211&gt; 1402

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(1402)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2671

```

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&lt;210&gt; 2672

&lt;211&gt; 343

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(343)  
 <223> n = A,T,C or G

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 ctaaaccctg tcacaaaaaa caatgttaga gacattagga attcagggtt tgaaaatctt 180  
 tttttcgatt tatgtgtaat ttacatacca aaaaaccaca ttaaaatagt cctcccttca 240  
 acatggctat cttttttcaa gttttatatg catagctctc tcagcacttg aatggaaaaam 300  
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<210> 2673  
 <211> 509  
 <212> DNA  
 <213> Homo sapiens

<400> 2673  
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 atggggcgac acagtgagtt tgctgcccat gccctgtac tctccatctg ctccgcatgt 180  
 ggccagctct tcactcttta caccattggg cagtttgggg ctgccgtctt caccatcatc 240  
 atgacctcc gccaggcctt tgccatcctt ctttctgccc ttctctatgg ccacactgtc 300  
 actgtggttg gagggctggg ggtggctgtg gtctttgctg cctctctgct cagagtctac 360  
 gcgcggggcc gtctaaagca acggggaaaag aaggctgtgc ctggtgagtc tcctgtgcag 420  
 aagggttgag ggtggaaaag gcctgagggg tgaagtgtcc tactaaaaag aataaatgtt 480  
 ggagtgat taaacaat tttcaaatga 509

<210> 2674  
 <211> 485  
 <212> DNA  
 <213> Homo sapiens

<400> 2674  
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 caagaaagtg aaaagacaac ccaagaatgg gatagtattt tsyamwwcwm mtawmtkytr 180  
 mgrmkctyga yatctattct agctatagga ctcttacaac ttaataaaag agaaaaccca 240  
 cctgggtgca ctggctcacg cctgtaatcc cagcactttg ggaggccagg cggacggatc 300  
 acttaagccc aggagttcaa gaccagcttg ggcaacacgg caaaacctg tctctacaaa 360  
 aaataccaaa ataattagtc ggttatgttg gcgggcacct gtggtcccag ctaatcgaga 420  
 ggcagaggtg ggaggatctc ttgggcccag gaggtggagg ctgcagttag ccaaaatcag 480  
 accat 485

<210> 2675  
 <211> 1260  
 <212> DNA  
 <213> Homo sapiens

<400> 2675  
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 gacccgctgt tctatctaga tgcccagaag ggccgcatac gtcccgtctg accaagaggc 240  
 ctacagccgc atccaggcag gcgaggagaa gctgtgatcc ccccatccc tctgagggcc 300

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ggcgatgct ggatccggag cccaggttc cgccccagag cgtcctggac aaggccagac 360
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aagtgaactca ttgccttccc aacccttcca gaggttttct gtgaaagtct catgtccaag 480
ttccgtcttc tgggctgggc aggcctctgg ttcccaggst gagactgacg ggttttctca 540
ggatgatgtc ttgggtgagg gtagggagag gacaaggggt caccgagccc ttcccagaga 600
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gggcaggagc agtggttagca tccatctggt ggccaaagag aatcgtagcc ccagagctgc 720
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ccatgtgaat ctggcaaggt gtttaacagt gtgggcttga aagyccaaac caaaaaaaaa 1260

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&lt;210&gt; 2676

&lt;211&gt; 649

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (649)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2676

```

aattccgttg ctgtcggttg aagcctgggc agtggtgtga caagtgcccc aaatgctgca 60
gcatcaagcc cgaccgagcc caccactgca gtgtttgtaa gcggtgcatt cggaagatgg 120
accaccactg tccctgggtc aacaactgtg taggcgagaa caaccagaag tacttcgtcc 180
tgtttacaat gtacatagct ctcatctcct tgcacgcctc catcatggtg ggattccact 240
tcctgcattg ctttgaagaa gattggacaa agtgcagctc cttctctcca ccaccacag 300
tgattctcct taccctgctg tgctttgagg gcctgctcct cctcattttc acatcagtga 360
tgtttgggac ccaggtgcac tccatctgca cagatgagac gggaatagaa caattgaaaa 420
aggaagagag aagatggggc taaaaaaaca aaatgggatg aacatgaaag ccgtttttkg 480
gccacccctt cttytctagg gcttggggcc agccctttt tgccacggsc aggaccaagg 540
gggargggma gacccttac cagtatgttg ggggttttaa gggggccccc gaccggcat 600
ttggggcact ttaggnacac agttncccca ancacaagca ctttaccgt 649

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&lt;210&gt; 2677

&lt;211&gt; 862

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2677

```

aattccgttg ctgtcgaaac cawgratctw cwgkyrgmaw kwaayaaaaa gsaatckgct 60
atctcagtc swwcatgtat tcagyayttk cttctmtctg gaytammttr aagttactss 120
ssktymccaa gcagtgaaac gaatggacca aaggggtaaa tctctttgaa caagaaatta 180
ttctggtgcc tattcatcgg aaggtacatt ggagcctggt ggtgattgac ctaagaaaaa 240
agtgtcttaa atatctggat tctatgggac aaaagggcca caggatctgt gagattctcc 300
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gaatgtttac ttgtaaatat gcagattata ttcttaggga caaacctatc acatttactc 480
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tgtgagaaaa ctttgctggg tccctctagc tgctgggtgt tctttcacag acatttccat 600

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atacctcatg cattgtgggt taaaaagtcc ctgcatcact tctgttctca cagggtactga 660
gctgtcaaaa gtgcatgaag gcctctcact gtactctagt cctgacttgg ggtgcagagg 720
gctgcttgca atcctgtttg taaggctgtg cctgctcaga gctttggrct gttcaaccca 780
cacaagaaca aacgctaact aatatttttt ttaagagatt cttttcccta tgaatgtggg 840
aaatgcagga tttattctgt ga 862

```

&lt;210&gt; 2678

&lt;211&gt; 655

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2678

```

ccattgttag catcgtacac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60
actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120
aacatttgga tggcactggg tsmamgtaga gcatccatcc ttcggatgra atgtttggaa 180
aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgttttaggg gttaaagtac 240
tgtaactcac gactgttaaa aaataaattt tcctgtgctg taaaggaagg tttcacagta 300
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gaaatccatg acaaacaaaa ggatgtgatc attaattgta aagcgctttg taaaattcac 600
atttacaanaa taataaagtc agttcaaacc taaaaaaaaa aaaaaa 655

```

&lt;210&gt; 2679

&lt;211&gt; 844

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (844)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2679

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gtagagaaca acctgctgca tctggaagac ttatgtgggc agtgtgaatt agaaagatgc 60
aaacatatgc agtcccagca actggagaat tacaagaaaa ataagaggaa ggaacttgaa 120
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cagcaaatga agctgaagga gcggcagaag ttttttgagg aagccttcca scaggacmtg 240
gascwgtacc tgytactgg stactctgma gattgcagwg ygygagmyc mtwagncagc 300
atgtcatcca tggaaagtga cgtggacatg ctggagcaga tggacctgat ggacatatcg 360
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ctgtatgcgg aattccacct ggaaagccag gttgttttat agaggttctt gatttttaca 780
taattgcca taatgtgtga gaaacttaaa gaacagctaa caataaagtg tgaggacggt 840
aaaa 844

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&lt;210&gt; 2680

&lt;211&gt; 415

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

```

<400> 2680
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tgatgagatg gggaaagtgg gctcaagagg tctggatctg tggtagatg ggggaagtgg      120
gctcaggagg tctggatctg tgatgagatg gggraagtgg gctcaggagg tctggatctg      180
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gctcaggagg tctggatctg kgrtggrgat ctggagtga agkkgarytc akkwgktcwk      300
krtctrctct tttgtattga ttgaattttt tataatatata tgtgaatttt cacaataaaa      360
tttttttcca aaataaaaata aacaaaaggg gctttttgca acccaattcc tatct      415

```

```

<210> 2681
<211> 647
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(647)
<223> n = A,T,C or G

```

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<400> 2681
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gatccctgtg cctgcaggag tcgaggatgg ccagaccgtg aggatgcctg tgggaaaaag      180
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```

<210> 2682
<211> 870
<212> DNA
<213> Homo sapiens

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gtcctcaagg ccaaagacat cagacatgaa gtggtcaaca ttaacctgag aaacaagcct      180
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<210> 2683
<211> 300

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2683

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gcaagggaaa	gatgaaaaat	tataaccaag	cataatatag	caaggatcct	cctggtttacc	180
ctgtacctcc	aatgtctggc	acttgtaggt	gctcaaatat	tcgttgaatg	aatgaaaaat	240
ccatattgta	attgatgtcc	tctggccaca	tagtttttaa	attaggtgat	tgattatatg	300

&lt;210&gt; 2684

&lt;211&gt; 2672

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(2672)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2684

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cagaaattgc	aagaagagca	agaaaaatgcc	cccgagtttg	tgaaggtgaa	aggcaatctc	180
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tgtttaattt	atactttcac	ccctgttgca	gttaacacca	gagaagggaac	gtgaatgtcg	780
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ggaagngggt ggccttcctt aaggccaaaa aa 2672

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&lt;210&gt; 2685

&lt;211&gt; 1282

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2685

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aattccggtg ctgtcgggtg ttgacgagct cggcggcggt tttgctgaga tctgtggccg 60
tcggcagctg gtgcgggggg cagctgagag cgagagggtg atcggggcgg tgtgtggcca 120
gggcmrtgac gggcaatgcs gkggagtggt gcctcatgga aagcgacccc ggggtcttca 180
ccgagctcat taaaggattc ggttgccgag gagcccaagt agaagaaata tggagttag 240
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aataaaaagt gattctccct cg 1282

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&lt;210&gt; 2686

&lt;211&gt; 681

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (681)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2686

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gcggtctctt tccctcgtga ctgggttgc cctggcgccg cgacggggcc tcacggtccg 60
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tctgcacaga catagcctct cggggcctgg accagcactg gtgtggagct ggttgtcaat 180
tatgatttcc cccaacgct gcaagattac atccacagag caggagagat gggccgtgtg 240
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gttcagaaga ttgagcctgg cggctcgccg aaggaraagt cttccnagga ctgcatcct	360
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ctagaacagg gatctttccc agtatcttga gtgggtgacc cacacttgtc agtgggaggc	480
tctgggctgc ctgtcggctc cttgagggcg ggatgaactg ctttgtgact tggaaaggta	540
cgctgctggc cagcattgga gaagaagctg ctgagcatgg ctttctgtag tctttagcaa	600
gacacaagtg gattttgact ttgtatcatg tcatgatttc taacaataaa tgatgttttt	660
atgtgcaaaa aaaaaaaaaa a	681

&lt;210&gt; 2687

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2687

aattccgttg ctgtcgcgtt cctgtctgag cccaagcca cctcagggtc aagagcaaca	60
gggccaagag gatgaagtgg tcttggtgga agggcccacc ctcccagaga cccccgact	120
cttcccactc aaaatccgtt gccgggctga cctggtcaga ttgccctca ggatgtcggg	180
gccccctgcag agtgtggtgg accacatggc caccacctt ggggtgtccc caagcaggat	240
ccttttgctt ttggagaga cagagctatc acctactgcc actcccagga ccctaaagct	300

&lt;210&gt; 2688

&lt;211&gt; 964

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2688

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cccttcccc tctgagcctg gcacataggc acccagcctg catctcccag gaggaagtgg	240
aggggacatc gctgttcccc agaaacccac tctatcctca ccctgttttg tgccttccc	300
ctcgcctgct agggctgcgg cttctgactt ctagaagact aaggctggtc tgtgtttgct	360
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aaccttgagg tacccttaga tctttttcta cccactttcc tatggaggat tccaagtcac	660
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aaat	964

&lt;210&gt; 2689

&lt;211&gt; 635

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2689

ccgcactata gaatacaagc tacttgttct ttttgagga tcccatcgag aaaaaactgg	60
ccatgcagaa gtcgtccgag tgggtgacca gccagaacac atgagttttg aggaactgct	120
caagggtctt tgggagaatc acgacccgac ccaagggtatg cgccagggga acgacccatg	180
gcactcagta ccgctcggcc atctaccgga cctctgccaa gcaaatggag gcagccctga	240
gctccaaaga gaactaccaa aaggttcttt cagagcacgg cttcggtccc atcactaccg	300
acatccggga gggacagact ttctactatg cggaagacta ccaccagcag tacctgagca	360



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agaaccccaa tggctactgc ggccttgggg gcaccggcgt gtcctgcca gtgggtatta 420
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atggggcaatg cttgtgtgat tcacaatcgt ggcattttaa gtgcacaagt acaaggaatt 540
tatacagatt ggkttaccgm agtataatct ataggaggcg cgatggcagt gataaatgtg 600
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<210> 2690

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2690

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agcaaggcct ccatgaagc ccaccctggg ctgaagcatt aaccggtggg ccccgctgcc 180
tccccgcccc actttccctt cttcaaagga caaagtgcc tcaaagggaa ttgaattttt 240
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<210> 2691

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 2691

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catcgccctcc cgagacatcg cggctgggga ggagctctcg tatgactatg gggaccgcag 120
caaggcttcc attgaagccc acccggtggc gaagcattaa ccggtgggccc ccgtgccttc 180
cccgccccac tttcccttct tcaaaggaca aagtgccttc aaagggaatt gaattttttt 240
tttacacact taatcttagc ggattacttc anatgttttt aaaaagtata ttaagatgcc 300

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<210> 2692

<211> 676

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(676)

<223> n = A,T,C or G

<400> 2692

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aagctgagcg tgttgcatat tcacggagtc tacaccaacc ctagtggcat tgtccttcat 120
ccggctggat atcagaacgt gctcaggaac actgaagtca tgagagaaat tcagaaactc 180
tacgaaaaca agtcatttct tttcctgggc tgtggctgga ctgtggatga caccactttc 240
caggcccttt tcttgaggc tgtcaagcat aaatctgacc tagaacattt catgctggtt 300
cggagaggag acgtagatga gttcaaaaag cttcgagaaa acatgctgga caaggggatt 360
aaagtcattc cctatggaga tgactatgcc gatcttccag aatatttcaa gcgactgaca 420
tgtgagatct ccacaagggg tacatcaggg atggtgagag aaggtcagct aaatggctca 480
tctgcagcac acagtgaat aagaggctgt agtacatgag cgagctagag aaatcaccac 540
cgtttangac caagctgtaa ggccctacta cagacagtgt ttaacaagta aactttacaa 600

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gaacccaaca caattcccca gaaagtnacc aatagccnga gggtgnaggg nccgggggttg 660  
aacaacgggg ggnatg 676

<210> 2693  
<211> 829  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(829)  
<223> n = A,T,C or G

<400> 2693

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aaccagcgc	agttacaact	tcactatcag	cggaagggga	gaaaaaccga	ttcaaatcaa	540
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tttttttttt	ttaaaatact	ttagggactg	ttgtaatttc	tcatatgggtg	ctggaaatgg	660
ttgggctttg	taacatttga	agtgtttcca	tggtarcgtg	amatttaggt	tgacgtggct	720
aagccggagg	gactaacctt	tgctcactga	cttcctgttg	taaacacttt	ccttamgggg	780
cctgggctgt	tttcacagta	atttcnatga	aattttacccc	acacaggtg		829

<210> 2694  
<211> 396  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(396)  
<223> n = A,T,C or G

<400> 2694

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ccaaaatggc	cccagtgatc	ccatctccta	ataagtacat	gtctgtgtgg	tcctctccya	120
cactgcatag	gaatggctta	cgtaaccaat	aggtagttga	ggatgtgatg	cagtctgact	180
tttgaggcta	agttgtaaag	aaagacactg	tgtctttcct	ccttggtgtc	ttggagcgct	240
tgctctngga	gaaagccaga	ggttcatgtt	cgtgagggat	aacttcaagt	tgncattttg	300
ggagaggtgn	acattgggtg	aaggaaatga	aggncctaac	tggtccaattg	nacccatgtt	360
aaagttnagt	ccaaccaagg	gnagattatt	tacca			396

<210> 2695  
<211> 467  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(467)

<223> n = A,T,C or G

<400> 2695

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ctggccgtgt	ttgtggaaca	gcctactccg	tttctgcccc	gcttcctgca	gcggctgcta	120
ctcctggact	atccccccga	cagggtcacc	ctttctcctg	acaacaacga	ggtcttccat	180
gaacccccaca	tcgctgactc	ctggccgcag	ctccaggacc	acttctcagc	tgtgaagctc	240
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cggcaggacc	ccgagtgtga	gttctacttc	agcctggacg	ccgacgctgt	cctcaccaac	360
ctgcagaccc	tgcgtatcct	cattgaggag	aacaggaagg	tgatcgcccc	catgctgtnc	420
cgncacggna	agcttgtggg	ccaacttctg	ggggcgccct	gagcccc		467

<210> 2696

<211> 706

<212> DNA

<213> Homo sapiens

<400> 2696

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cttgtgcaca	tcatgaccag	ttttgaagat	gctgacacag	aagagacagt	aacttgtctc	180
cagatgacgg	tttaccatcc	tggccagtgt	cagtgtggaa	tatttcagtc	aataagtttt	240
aacagagaga	aactcccttc	cagcgaagtg	gtgaaatttg	gccgaaattc	caacatctgt	300
cattatactt	ttcaggacaa	acaggtttcc	cgagtccagt	tttctctgca	gctgtttaaa	360
aaattcaaca	gctcagttct	ctcctttgaa	ataaaaaata	tgagtaaaaa	gaccaatctg	420
atcgtggaca	gcagagagct	gggctaccta	aataaaatgg	acctgccata	caggtgcatg	480
gtcagattcg	gagagtatca	gtttctgatg	gagaaggaag	atggcgagtc	attggaattt	540
tttgagactc	aattttattt	atctccaaga	tcactcttgc	aagaaaacaa	ctggccacca	600
cacagrccca	taccggagta	tggcacttay	tcgctctgct	cctcccaaag	cagttctccg	660
acagaaatgg	gatgaaaatg	agtcatggac	acagaaagtc	taaagg		706

<210> 2697

<211> 566

<212> DNA

<213> Homo sapiens

<400> 2697

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cagccacctg	gcatcttaca	acacatgggc	tttacaaggc	atgtatggag	tttcttctgg	120
gcttsgsagg	tgsyygtsaa	ggccaycwgy	gatctkaagc	cwryacwtgs	scytymcmag	180
gtcctgtgag	tggagaggca	cagagtgttc	tgggctagct	gagtgtggag	gctgggtggc	240
tctgatgcta	gccaatcact	ctacgctcta	ggctcacacc	tttccaccty	cgacttcgcc	300
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caatcactag	actgggtgcy	gaaactctga	tttgccaagt	tcgggtcatg	tgtctcacta	420
ggtaagagca	gaggaggatc	acccccagga	agaccagagt	gctctttcag	aagagtggga	480
caatcgctgg	atggctcttt	gcaccactca	ctcctgttct	ctgctagggc	tgctgggact	540
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<210> 2698

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (760)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2698

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ttggaggctt	atttttagca	tctggtgtta	atgtgacaat	gaaagataac	aaaataatga	120
acaatcaaga	tgccatagaa	aaggctgtta	gtagaggcca	atgtttatat	aaaatatcaa	180
gttataccag	ctatcccatg	catgatttct	acagatgtca	tacttgtaac	accacagatc	240
gaaatgccat	atgtgtgaac	tgcatthaaga	agtgccatca	gggacatgat	gtagagttha	300
ttagacatga	taggtttttc	tgtgactgtg	gtgctggaac	actgtctaata	ccttgtacat	360
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ctccaagcta	cccaaaaagg	aaagtggggc	natatatggg	actccnggga	tctccnaagc	660
ctggggtggn	tttaggcatt	accggggggg	aaagaccctt	gaagggggcca	gaagttggag	720
gaaataagcc	ggccattttg	gtncggatcc	caccttctg			760

&lt;210&gt; 2699

&lt;211&gt; 273

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(273)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 2699

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cannntatan	naatnttcct	ttgttttana	tntgaccttn	ttncnntnnt	ncntntngct	180
ntntatnnac	ttnttcnaaa	ncntcttngn	gtgntcngtt	ctatctatnt	atntntnttc	240
tentttentt	tntgnancct	tgattntatt	tat			273

&lt;210&gt; 2700

&lt;211&gt; 334

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2700

gttaacaagc	gtcatgaaca	ggatgcacgt	ggtcagcgtc	ccctacgcgc	tgatgaaggc	60
gaaccactc	tcctggatcc	agaaagtgtg	cttctataaa	gctcgggccg	cgctggtgaa	120
gtcgcgagac	atgcactggg	ctctcctagc	tcagcggggc	cagagggacg	tcagcctcag	180
ctcactgcgc	atgctgattg	tggccgatgg	tgccaacccg	tggctgatct	cctcctgtga	240
cgccttcctc	aacgtcttcc	agtccagagg	tctgaggcca	gaggtcatct	gtccttgtgc	300
aagttctcct	gaggcgctga	cttgtcggca	tccg			334

&lt;210&gt; 2701

&lt;211&gt; 306

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 2701

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gagaacatca atgcttttcc tcaggaaatt cggcaagact tggagaaaag gaaagctcca   240
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441

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&lt;211&gt; 439

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120

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ccatgctggg	aagagtgcc	atgagaaagc	cgacagtgtc	ggtgtccgtc	ctggggcaca	420
ggcctacctc	ctcactgtct	tctgcatctt	gttcctgggt	atgcagagag	agtgggaagat	480
aattctcaaa	ctctgagaaa	aagtgtttca	tcaaaaagtt	aaaaggcacc	agttatcact	540
tttctaccat	cctagtgact	ttgcttttta	aatgaatgga	caacmatgta	cagtttttac	600
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taaatagctg	tacagaaaa	n				921

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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup> : <b>C12N 15/12, C07K 14/47, C12Q 1/68, C07K 16/18</b>		<b>A3</b>	(11) International Publication Number: <b>WO 99/58675</b> (43) International Publication Date: 18 November 1999 (18.11.99)															
(21) International Application Number: <b>PCT/US99/10602</b> (22) International Filing Date: <b>13 May 1999 (13.05.99)</b> (30) Priority Data: <table><tr><td>60/085,426</td><td>14 May 1998 (14.05.98)</td><td>US</td></tr><tr><td>60/085,537</td><td>15 May 1998 (15.05.98)</td><td>US</td></tr><tr><td>60/085,696</td><td>15 May 1998 (15.05.98)</td><td>US</td></tr><tr><td>60/105,234</td><td>21 October 1998 (21.10.98)</td><td>US</td></tr><tr><td>60/105,877</td><td>27 October 1998 (27.10.98)</td><td>US</td></tr></table> (71) Applicants: <b>CHIRON CORPORATION [US/US]; 4560 Horton Street - R440, Emeryville, CA 94608 (US). HYSEQ INC. [US/US]; 675 Almanor Avenue, Sunnyvale, CA 94086 (US).</b> (72) Inventors: <b>WILLIAMS, Lewis, T.; 3 Miroflores, Tiburon, CA 94920 (US). ESCOBEDO, Jaime; 1470 Lavoma Road, Alamo, CA 94507 (US). INNIS, Michael, A.; 315 Constance Place, Moraga, CA 94556 (US). GARCIA, Pablo, Dominguez; 882 Chenery Street, San Francisco, CA 94131 (US). SUDDUTH-KLINGER, Julie; 280 Lexington Road, Kensington, CA 94707 (US). REINHARD, Christoph; 1633 Clinton Avenue, Alameda, CA 94501 (US). GIESE, Klaus; Chausseestrasse 92, D-10115 Berlin (DE). RANDAZZO, Filippo; Apartment 403, 690 Chestnut Street, San Francisco, CA 94133 (US). KENNEDY, Giulia, C.; 360 Castenada Av-</b>		60/085,426	14 May 1998 (14.05.98)	US	60/085,537	15 May 1998 (15.05.98)	US	60/085,696	15 May 1998 (15.05.98)	US	60/105,234	21 October 1998 (21.10.98)	US	60/105,877	27 October 1998 (27.10.98)	US	enue, San Francisco, CA 94116 (US). POT, David; 1565 5th Avenue #102, San Francisco, CA 94112 (US). KASSAM, Altaf; 2659 Harold Street, Oakland, CA 94602 (US). LAMSON, George; 232 Sandringham Drive, Moraga, CA 94556 (US). DRMANAC, Radoje; 850 East Greenwich Place, Palo Alto, CA 94303 (US). CRKVENJAKOV, Radomir; 762 Haverhill Drive, Sunnyvale, CA 94068 (US). DICKSON, Mark; 1411 Gabilan Drive #B, Hollister, CA 95025 (US). DRMANAC, Snezana; 850 East Greenwich Place, Palo Alto, CA 94303 (US). LABAT, Ivan; 140 Acalanes Drive, Sunnyvale, CA 94086 (US). LESHKOWITZ, Dena; 678 Durshire Way, Sunnyvale, CA 94087 (US). KITA, David; 899 Bounty Drive, Foster City, CA 94404 (US). GARCIA, Veronica; Apartment 412, 396 Ano Nuevo, Sunnyvale, CA 94086 (US). JONES, Lee, William; 396 Ano Nuevo #412, Sunnyvale, CA 94086 (US). STACHE-CRAIN, Birgit; 345 South Mary Avenue, Sunnyvale, CA 94086 (US). (74) Agent: <b>BLACKBURN, Robert, P.; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).</b> (81) Designated States: <b>AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</b> <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: <b>17 February 2000 (17.02.00)</b>	
60/085,426	14 May 1998 (14.05.98)	US																
60/085,537	15 May 1998 (15.05.98)	US																
60/085,696	15 May 1998 (15.05.98)	US																
60/105,234	21 October 1998 (21.10.98)	US																
60/105,877	27 October 1998 (27.10.98)	US																
(54) Title: <b>HUMAN GENES AND GENE EXPRESSION PRODUCTS V</b>																		
(57) Abstract <p>This invention relates to novel human polynucleotides and variants thereof, their encoded polypeptides and variants thereof, to genes corresponding to these polynucleotides and to proteins expressed by the genes. The invention also relates to diagnostic and therapeutic agents employing such novel human polynucleotides, their corresponding genes or gene products, e.g., these genes and proteins, including probes, antisense constructs, and antibodies.</p>																		



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EE	Estonia	LR	Liberia	SG	Singapore		

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 99/10602

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 6 C12N15/12 C07K14/47 C12Q1/68 C07K16/18		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 6 C07K C12Q		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	YEATMAN ET AL: "Identification of genetic alterations associated with the process of human experimental colon cancer liver metastasis in the nude mouse" CLINICAL & EXPERIMENTAL METASTASIS, vol. 14, no. 3, May 1996 (1996-05), pages 246-252 252, XP002099961 ISSN: 0262-0898 the whole document <div style="text-align: center; margin-top: 20px;">--- -/--</div>	1-5
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&amp;" document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  <div style="text-align: center; font-size: 1.2em;">14 September 1999</div>		Date of mailing of the international search report  <div style="text-align: center; font-size: 1.2em;">22. 12. 99</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  <div style="text-align: center; font-size: 1.2em;">van Klompenburg, W</div>

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 99/10602

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	YEATMAN ET AL.: "Identification of a differentially-expressed message associated with colon cancer liver metastasis using an improved method of differential display" NUCLEIC ACIDS RESEARCH, vol. 23, no. 19, 1995, page 4007/4008 8 XP002099962 ISSN: 0305-1048 the whole document ---	1-5
X	CARMECI ET AL: "Identification of a gene (GPR30) with homolgy to the G-protein -coupled receptor superfamily associated with estrogen receptor expression in breast cancer" GENOMICS, vol. 45, no. 3, 1 November 1997 (1997-11-01), pages 607-617 17, XP002099963 ISSN: 0888-7543 the whole document ---	1-5
X	J.H.MORISSEY: "Human tissue factor gene" EMBL DATABANK, ID HSTFPB, 20 February 1989 (1989-02-20), XP002114962 the whole document ---	1-5
A	RADINSKY ET AL: "Level and function of epidermal growth factor receptor predict the metastatic potential of human colon carcinoma cells" CLINICAL CANCER RESEARCH, vol. 1, no. 1, January 1995 (1995-01), pages 19-31 31, XP002099964 ISSN: 1078-0432 the whole document ---	1-5
A	BALDI ET AL: "Differential expression of the retinoblastoma gene family members pRb/p105, p107, and pRb2/p130 in lung cancer" CLINICAL CANCER RESEARCH, vol. 2, no. 2, July 1996 (1996-07), pages 1239-1245 45, XP002099965 ISSN: 1078-0432 the whole document -----	1-5

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 99/ 10602

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☒ Claims Nos.: 11  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-5

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box 1.3

Claims Nos.: 11

The subject matter of claim 11 is not clear. A meaningful search could therefore not be performed for this claim.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: 1-5

A library of polynucleotides comprising the sequence information of at least one of the sequences 1-2702.

2. claims: 6-11 all partially

The isolated nucleic acid with SeqIdNo:1, sequences with at least 90% sequence identity therewith and degenerate variants thereof, host comprising said nucleic acid, peptide encoded by said nucleic acid, antibody against said protein, vector comprising said nucleic acid.

3-2708. claims: 6-12, all partially, as far as applicable As invention 2, and when applicable, a method for detecting the differential expression of said nucleic acid, but limited respectively to the SeqIdNo:2-2707.

For the sake of conciseness, the second matter is explicitly defined, but the subject matters of inventions 3-2708 are defined by analogy thereto.